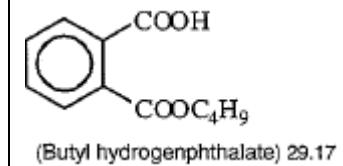
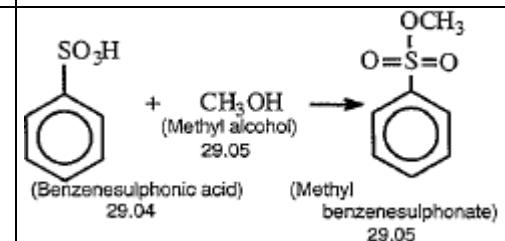


Ek – Fasıl 29

Fasıl 29 AÇIKLAMA NOTLARINDA TANIMLANAN BAZI ÜRÜNLERİN KİMYASAL YAPISI

Sayfa	Başlık	Paragraf			Tanımlama	Kimyassal Yapı
	General	(G)	Classification of esters, salts, co-ordination compounds and certain halides			
		(1)	Esters			
VI-29-7			(a)			
			(b)			
			(c)			



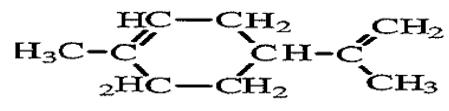
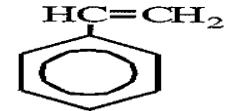
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-29-7)	(G)	(1)	(d)	$ \begin{array}{ccc} \text{Phthalic acid} & + \text{HOCH}_2\text{COOH} & + \text{C}_4\text{H}_9\text{OH} \\ 29.17 & 29.18 & 29.06 \\ \downarrow & & \\ \text{Butyl phthalyl butyl glycolate} & & \\ 29.18 & & \end{array} $
			(d)	
		(2)	Salts	
			(a) (i)	$ \begin{array}{ccc} \text{CH}_3\text{COOH} + \text{HOCH}_2\text{CH}_3 \longrightarrow \text{CH}_3\text{COOCH}_2\text{CH}_3 \\ (\text{Acetic acid}) \quad (\text{Ethyl alcohol}) \quad (\text{Ethyl acetate}) \\ 29.15 \qquad \qquad \qquad 29.15 \end{array} $

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-29-7)	(G)	(2)	(a) (i)	$\text{C}_4\text{H}_9\text{OC}_6\text{H}_4\text{COOH} + \text{Cu(OH)}_2 \rightarrow (\text{Butyl hydrogen phthalate})_{29.17} \xrightarrow{\text{(Butyl copper phthalate)}}_{29.17} \text{Cu}$
			(ii)	$(\text{C}_2\text{H}_5)_2\text{NH} + \text{HCl} \xrightarrow{\text{(Hydrochloric acid)}} (\text{Diethylamine hydrochloride})_{29.21} \xrightarrow{\text{(Diethylamine)}}_{29.21} \text{HCl}$
VI-29-8			(b) (i)	$\text{CH}_3\text{COOH} + \text{NH}_2\text{C}_6\text{H}_4 + \text{CH}_3\text{COO}^-\text{NH}_3^+ \rightarrow (\text{Aniline acetate})_{29.21}$
			(ii)	$\text{CH}_3\text{NH}_2 + \text{O}-\text{CH}_2\text{COOH} \rightarrow (\text{Methylamine phenoxycetic acid})_{29.18} \xrightarrow{\text{(Methylamine)}}_{29.18} \text{O}-\text{CH}_2\text{COO}^-\text{NH}_3^+\text{CH}_3$

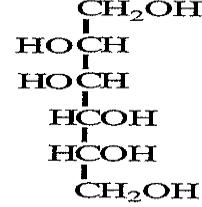
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
VI-29-9		(G)	(4)	Halides of carboxylic acids (Isobutyryl chloride: 29.15)	$\text{(CH}_3\text{)}_2\text{CH}-\overset{\text{O}}{\underset{\text{II}}{\text{C}}}\text{-Cl}$
	29.02			Cyclic hydrocarbons	
		(B)		CYCLOTERPENES	
VI-2902-2			(3)	Limonene	
		(C)		AROMATIC HYDROCARBONS	
VI-2902-3			(I) (c)	o-xylene	
			(d) (1)	Styrene	
	29.03			Halogenated derivatives of hydrocarbons	
		(F)		HALOGENATED DERIVATIVES OF AROMATIC HYDROCARBONS	

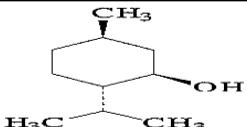
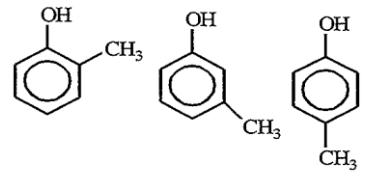
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2903-4	(29.03)	(F) (6)	DDT(ISO) (clofenotane (INN), 1,1,1-trichloro-2,2- bis (p-chlorophenyl) ethane or discholorodiphenyltrichloroethane)	
	29.04		Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated	
		(A)	SULPHONATED DERIVATIVES	
VI-2904-1		(1) (a)	Ethylenesulphonic acid	$\text{CH}_2=\text{CHSO}_3\text{H}$
		(B)	NITRATED DERIVATIVES	
		(1) (d)	Trinitromethane	$\text{CH}(\text{NO}_2)_3$
		(C)	NITROSATED DERIVATIVES	
VI-2904-2		(2)	Nitrosotoluene	

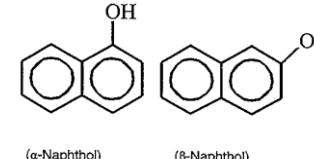
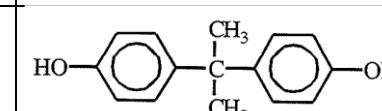
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2904-2)	(29.04)	(D)		SULPHOHALOGENATED DERIVATIVES	
			(1)	Chlorobenzenesulphonic acid	
	29.05			Acyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives	
		(B)		UNSATURATED MONOHYDRIC ALCOHOLS	
VI-2905-3			(1)	Allyl alcohol	$\text{H}_2\text{C}=\text{CHCH}_2\text{OH}$
		(C)		DIOLS AND OTHER POLYHYDRIC ALCOHOLS	
			(II) (4)	Mannitol	

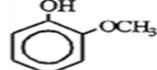
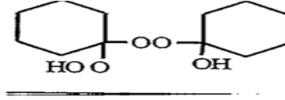
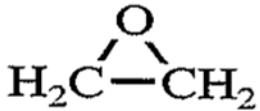
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	29.06		Cyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives	
	(A)		CYCLANIC, CYCLENIC OR CYCLOTERPENIC ALCOHOLS AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES	
VI-2906-1		(1)	Menthol	
	29.07		Phenols; phenol-alcohols	
	(A)		MONONUCLEAR MONOPHENOLS	
VI-2907-2		(2)	Cresol(s)	 (o-Cresol) (m-Cresol) (p-Cresol)

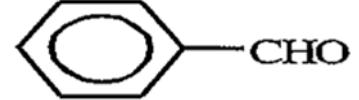
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2907-2)	(29.07)	(B)	POLYNUCLEAR MONOPHENOLS	
		(1)	Naphtol(s)	 (α-Naphthol) (β-Naphthol)
		(C)	POLYPHENOLS	
		(1)	Resorcinol	
VI-2907-3		(3)	Bisphenol A	

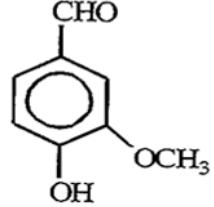
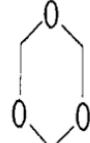
Ek – Fasıl 29

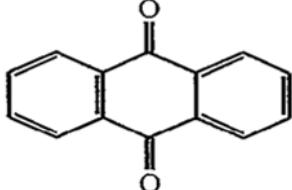
Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
	29.09			Ethers, ether-alcohols, ether-phenols, ether-alcohol-phenols, alcohols peroxides, ether peroxides, ketone peroxides (whether or not chemicallydefined), and their halogenated, sulphonated, nitrated or nitrosated derivatives	
	(C)			ETHER-PHENOLS AND ETHER-ALCOHOL-PHENOLS	
VI-2909-3	(1)			Guaiacol	
	(D)			ALCOHOL PEROXIDES, ETHER PEROXIDES AND KETONE PEROXIDES	
VI-2909-4				Ketone peroxides (Cyclohexanone peroxide)	
	29.10			Epoxides, epoxyalcohols, epoxyphenols and epoxyethers, with a three membered ring, and their halogenated, sulphonated, nitrated or nitrosated derivatives	
VI-2910-1	(1)			Oxirane	

Ek – Fasıl 29

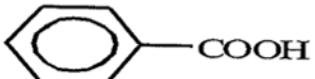
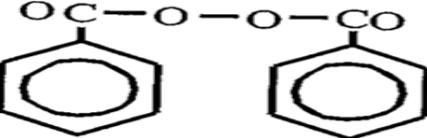
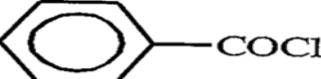
Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	29.11		Acetals and hemiacetals, whether or not with other oxygen function, and tehir halogenated, sulphonated, nitrated or nitrosated derivatives	
VI-2911-1		(A)	ACETALS AND HEMIACETALS	$\begin{array}{c} \text{R}-\text{C}\backslash\text{O}-\text{R}_1 \\ \text{O}-\text{R}_2 \end{array}$ $\begin{array}{c} \text{R}-\text{C}\backslash\text{O}-\text{R}_1 \\ \text{O}-\text{H} \end{array}$
	29.12		Aldehydes, whether or not with other oxygen function; cyclic polymers of aldehydes; paraformaldehyde	
VI-2912-2		(A)	Aldehydes	$\text{R}-\overset{\text{O}}{\underset{\text{ }}{\text{C}}}-\text{H}$
VI-2912-3		(IV) (1)	Benzaldehyde	
		(C)	ALDEHYDE-ETHERS, ALDEHYDE-PHENOLS AND ALDEHYDES WITH OTHER OXYGEN FUNCTION	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyassal Yapı
(V1--2912-3)	(29.12)	(C)	(1)	Vanilin	
		(D)		CYCLIC POLYMERS OF ALDEHYDES	
VI-2912-4			(1)	Trioxan	
	29.14			Ketones and quinones, whether or not with other oxygen function, and their halogenated, sulphonated, nitrated or nitrosated derivatives	
V1-2914-2		(A)		Ketones	$\text{R}_1-\overset{\text{O}}{\parallel}\text{C}-\text{R}_2$
		(II)	(I)	Camphor	

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	(29.14)	(E)	QUINONES	
VI-2914-4		(1)	Anthraquinone	
	29.15		Saturated acyclic monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	
VI-2915-5		(V) (a)	n-Butyric acid	$\text{CH}_3\text{CH}_2\text{CH}_2\text{COOH}$
	29.16		Unsaturated acyclic monocarboxylic acids, cyclic monocarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives	
		(A)	Unsaturated acyclic monocarboxylic acids, and their salts, esters and other derivatives	
VI-2916-1		(1)	Acrylic acid	$\text{CH}_2=\text{CHCOOH}$

Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
	(29.16)	(C)		AROMATIC SATURATED MONACARBOXYLIC ACIDS AND THEIR SALTS, ESTERS AND OTHER DERIVATIVES	
VI-2916-2		(1)		Benzoic acid	
			(a)	Benzoyl peroxide	
		(C)	(1)	(b) Benzoyl chloride	
29.17				Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids, their halogenated, sulphonated, nitrated or nitrosated derivatives	
		(A)		ACYCLIC POLYCARBOXYLIC ACIDS AND THEIR ESTERS, SALTS AND DERIVATIVES	

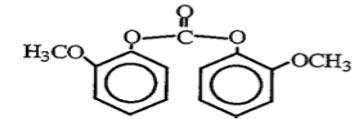
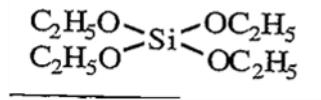
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2917-1	(29.17)	(3)	Azelaic acid	$\text{HOOC(CH}_2\text{)}_7\text{COOH}$
VI-2917-2	(A)	(5)	Maleic anhydride	
	(C)		AROMATIC POLYCARBOXYLIC ACIDS AND THEIR ESTERS, SALTS AND OTHER DERIVATIVES	
		(1)	Phthalic anhydride	
		(2)	Terephthalic acid	

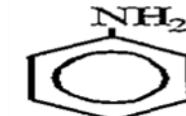
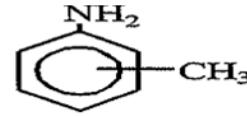
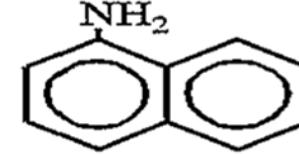
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
	29.18			Carboxylic acids with additional oxygen function and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrated derivatives	
	(A)			CARBOXYLIC ACIDS WITH ALCOHOL FUNCTION AND THEIR ESTERS, SALTS AND OTHER DERIVATIVES	
VI-2918-2		(3)	citric acid		$\begin{array}{c} \text{CH}_2\text{COOH} \\ \\ \text{C}(\text{OH})\text{COOH} \\ \\ \text{CH}_2\text{COOH} \end{array}$
V1-2918-3		(6)	Phenylglycolic acid		$\begin{array}{c} \text{COOH} \\ \\ \text{H} - \text{C} - \text{OH} \\ \\ \text{C}_6\text{H}_5 \end{array}$
	(B)			CARBOXYLIC ACIDS WITH PHENOL FUNCTION AND THEIR ESTERS, SALTS AND OTHER DERIVATIVES	

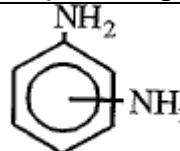
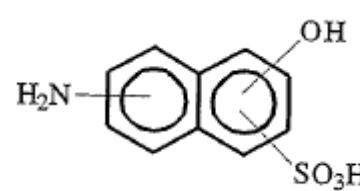
Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2918-3)	(29.18)	(B)	(I)	Salicylic acid	
VI-2919-1	29.19			phosphoric esters and their salts, inculding lactophosphates; their halogenated, sulphonated, nitrated or nitrosated derivatives	$\begin{array}{c} \text{OR}_1 \\ \\ \text{R}_2\text{O}-\text{P}=\text{O} \\ \\ \text{OR}_3 \end{array}$
VI-2919-2		(3)		Tributyl phosphate	$\begin{array}{c} \text{C}_4\text{H}_9\text{O} \\ \\ \text{C}_4\text{H}_9\text{O}-\text{P}=\text{O} \\ \\ \text{C}_4\text{H}_9\text{O} \end{array}$
	29.20			Esters of other inorganic acids of non-metals (excluding esters of hydrogen halides) and their salts; their halogenated, sulphonated, nitrated or nitrosated derivatives	
		(A)		Thiophosphoric esters	
VI-2920-1				Sodium O,O-dibutyldithiophosphates	$\begin{array}{c} \text{S} \\ \\ \text{NaS}-\text{P} \\ \backslash \quad / \\ \text{O}-\text{C}_4\text{H}_9 \quad \text{O}-\text{C}_4\text{H}_9 \end{array}$
		(C)		Nitrous and nitric esters	

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2920-1)	(29.20)	(C)		Methyl nitritie	CH_3ONO
				Nitroglycerol	$\begin{array}{c} \text{CH}_2\text{ONO}_2 \\ \\ \text{CHONO}_2 \\ \\ \text{CH}_2\text{ONO}_2 \end{array}$
	(D)			Carbonic or peroxocarbonic esters and their salts	
VI-2920-2		(1)		Diguaiacyl carbonate	
	(E)			Silicic acid esters and their salts	
				Tetraethyl silicate	
VI-2921-1	29.21			Amine-function compounds	$\begin{array}{c} \text{R}-\text{NH}_2 \quad \text{R}-\text{NH}-\text{R} \quad \begin{array}{c} \text{R} \\ \\ \text{N}-\text{R} \\ \\ \text{R} \end{array} \end{array}$
		(A)		ACYCLIC MONOAMINES AND THEIR DERIVATIVES; SALTS THERE OF	
VI-2921-2		(4)		Ethylamine	$\text{CH}_3-\text{CH}_2-\text{NH}_2$

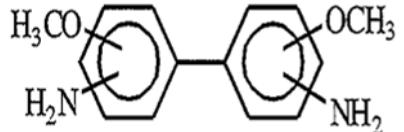
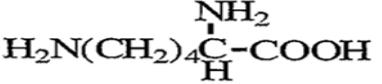
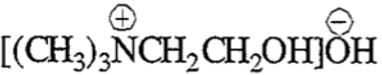
Ek – Fasıl 29

Sayfa	Başlık	Paragaf	Tanımlama	Kimyasal Yapı
	(29.21)	(B)	ACYCLIC POLYAMINES AND THEIR DERIVATIVES; SALTS THEREOF	
VI-2921-3		(2)	Hexamethylenediamine	$\text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{NH}_2$
	(D)		AROMATIC MONOAMINES AND THEIR DERIVATIVES; SALTS THEREOF	
		(1)	Aniline	
		(2)	Toluidine(s)	
		(4)	1-Naphthylamine	
	(E)		AROMATIC POLYAMINES AND THEIR DERIVATIVES; SALTS THEREOF	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
VI-2921-4	(29.21)	(E)	(1)	Phenylenediamine(s)	
	29.22			Oxygen-function amino-compounds	
		(A)		AMINO-ALCOHOLS, THEIR ETHERS AND ESTERS; SALTS THEREOF	
VI-2922-2			(1)	Monoethanolamine	$\text{H}_2\text{N}-\text{CH}_2\text{CH}_2\text{OH}$
		(B)		AMINO-NAPHTHOLS AND OTHER AMINO-PHENOLS, THEIR ETHERS AND ESTERS; SALTS THEREOF	
			(1)	Aminohydroxynaphthalenesulphonic acids	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
VI-2922-3	(29.22)	(B)	(a)	Anisidine(s)	
			(b)	Dianisidine(s)	
		(D)		AMINO-ACIDS AND THEIR ESTERS; SALTS THEREOF	
			(1)	Lysine	
	29.23			Quaternary ammonium salts and hydroxides; lecithins and other phosphoaminolipids, whether or not chemically defined	
VI-2923-1			(1)	Choline (choline hydroxide)	

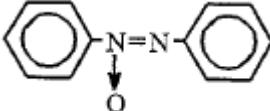
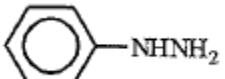
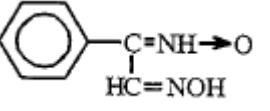
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2923-1)	(29.23)	(2)		Lecithin	$ \begin{array}{c} \text{CH}_2\text{OCOR} \\ \\ \text{RCOO}-\text{C}-\text{H} \quad \text{O} \\ \quad \\ \text{H}_2\text{C}-\text{O}-\text{P}-\text{O}-\text{R} \\ \\ \text{O}^{\ominus} \end{array} $
	29.24			Carboxyamide-function compounds; amide-function compounds of carbonic acid	
		(B)		CYCLIC AMIDES	
VI-2924-2		(1)	(ii)	Diethyldiphenylurea	
	29.25			Carboxyamide-function compounds (including saccharin and its salts) and imine-function compounds	
		(A)		IMIDES	
VI-2925-1		(1)		Saccharin	
		(B)		IMINES	

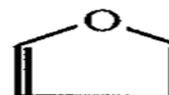
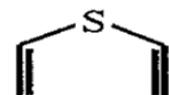
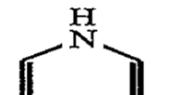
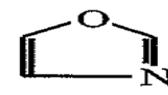
Ek – Fasıl 29

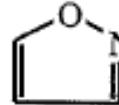
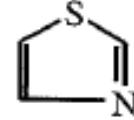
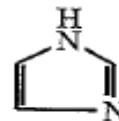
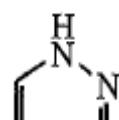
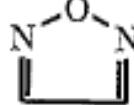
Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
VI-2925-2	(29.25)	(B)	(1)	(a)	Diphenylguanidine	
			(3)		Imino ethers	$\text{RC}\overset{\text{N H}}{\underset{\text{O R'}}{\text{<}}} \text{}$
	29.26				Nitrile-function compound	
VI-2926-1		(1)			Acrylonitrile	$\text{CH}_2=\text{CHCN}$
		(2)			1-Cyanoguanidine	$\text{H}_2\text{NC}\overset{\text{N H}}{\underset{\text{NHCN}}{\text{<}}}$
	29.27				Diazo-,azo- or azoxy-compounds	
		(A)			DIAZO-COMPOUNDS	

Ek – Fasıl 29

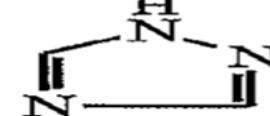
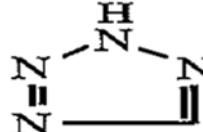
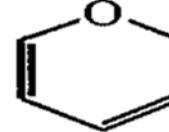
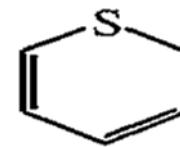
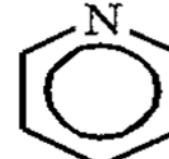
Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
VI-2927-1	(29.27)	(A)	(1)	(a)	Benzenediazonium chloride	
		(B)			AZO-COMPOUNDS	$R_1N=N R_2$
		(C)			AZOXY-COMPOUNDS	$R_1-N_2O-R_2$
VI-2927-2			(1)		Azoxybenzene	
	29.28				Organic derivatives of hydrazine or of hydroxylamine	
VI-2928-1		(1)			Phenylhydrazine	
		(11)			Phenylglyoxime	

Ek – Fasıl 29

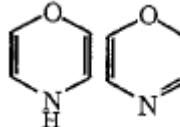
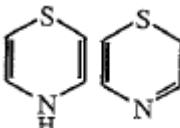
Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	29.29		Compounds with other nitrogen function	
VI-2929-1	(1)		Isocyanates	$\text{R}-\text{N}=\text{C}=\text{O}$
	S-Ch.X General		ORGANO-INORGANIC COMPOUNDS, HETEROCYCLIC COMPOUNDS, NUCLEIC ACIDS AND THEIR SALTS AND SULPHONAMIDES	
	(A)		FIVE-MEMBERED RINGS	
VI-2930-1	(1)	(a)	Furan	
		(b)	Thiophen	
		(c)	Pyrrole	
	(2)	(a)	Oxazole	

Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
(VI-2930-1)	(General)	(A)	(2)	(a)	Isaxazole	
				(b)	Thiazole	
				(c)	Imidazole	
				(c)	Pyrazole	
			(3)	(a)	Furazan	

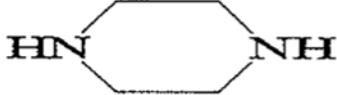
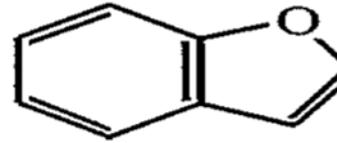
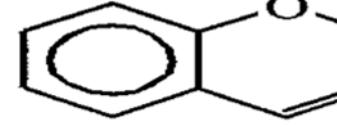
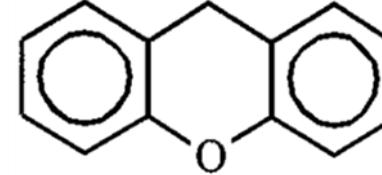
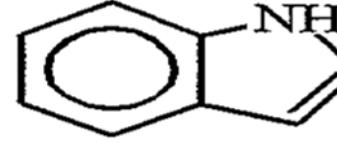
Ek – Fasıl 29

Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
(VI-2930-1)	(General)	(A)	(3)	(b)	Triazole (1,2,4-Triazole)	
				(c)	Tetrazole	
	(B)				SIX-MEMBERED RINGS	
VI-2930-2		(1)	(a)		Pyran (2H-Pyran)	
			(b)		Thiin	
			(c)		Pyridine	

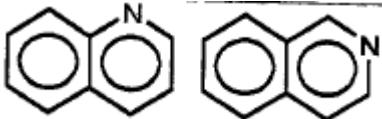
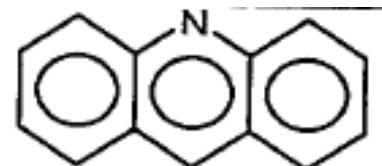
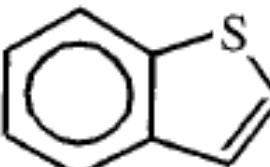
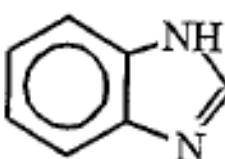
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2930-2)	(General)	(B)	(2)	(a) Oxazine (1,4-Oxazine)	
				(b) Thiazine (1,4-Thiazine)	
				(c) Pyridazine	
			(1)	(c) Pyrimidine	
				(c) Pyrazine	

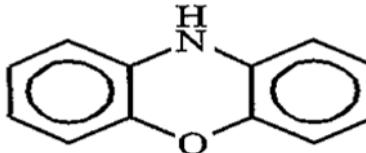
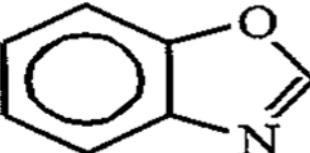
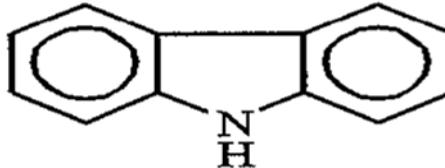
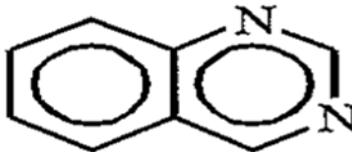
Ek – Fasıl 29

Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
(VI-2930-2)	(General)	(B)	(2)	(c)	Piperazine	
		(C)			OTHER MORE COMPLEX HETEROCYCLIC COMPOUNDS	
			(a)		Coumarone	
			(b)		Benzopyran	
			(c)		Xanthene	
			(d)		Indole	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf			Tanımlama	Kimyasal Yapı
(VI-2930-2)	(General)	(C)	(e)		Quinoline and isoquinoline	
			(f)		Acridine	
			(g)		Benzothiophene (Thionaphthene)	
			(h)		Indazole	
			(ij)		Benzimidazole	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama			Kimyasal Yapı
(VI-2930-2)	(General)	(C)	(k)	Phenazine		
		(1)	Phenoxyazine			
		(m)	Benzoxazole			
		(n)	Carbazole			
		(o)	Quinazoline			

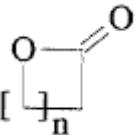
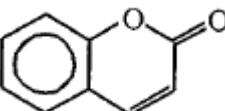
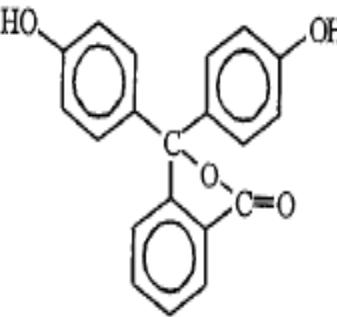
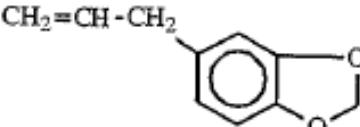
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama			Kimyasal Yapı
(VI-2930-2)	(General)	(C)	(p)	Benzothiazole		
	29.30			Organic-Sulphur compounds		
VI-2930-3		(A)		DITHIOCARBONATES (XANTHATES)		
		(1)		Sodium ethyldihiocarbonate		
		(B)		THIOCARBAMATES DITHIOCARBAMATES AND THIURAM SULPHIDES		
		(2)		Dithiocarbamates		
VI-2930-4		(C)		SULPHIDES (OR THIOETHERS)		
		(1)		Methionine		
		(D)		THIOAMIDES		

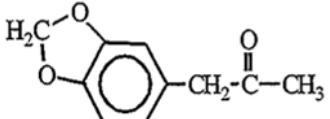
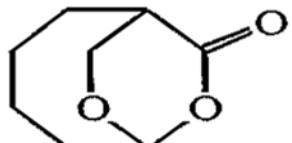
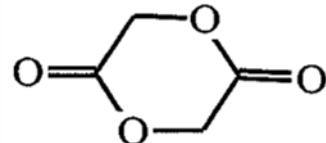
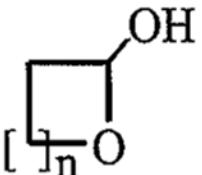
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2930-4)	(29.30)	(D) (2)	Thiocarbanilide	
	29.31		Other organo-inoprganic compounds	
VI-2931-1		(2)	Organo-silicon compounds	Compounds with C-Si bond
			Hexamethyldisiloxane	$\begin{array}{c} \text{CH}_3 & \text{CH}_3 \\ & \\ \text{CH}_3-\text{Si}-\text{O}-\text{Si}-\text{CH}_3 \\ & \\ \text{CH}_3 & \text{CH}_3 \end{array}$
	29.32		Heterocyclic compounds with oxygen hetero-atom(s) only	
VI-2932-1		(A)	Compounds containing an unfused furan ring (whether or not hydrogenated) in the structure	(See structure of furan against page VI-2930-1 for Sub-Chapter X (A) (1) (a))
		(2)	2-Furaldehyde	
		(3)	Furfuyl alcohol	

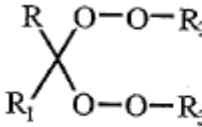
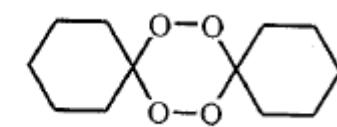
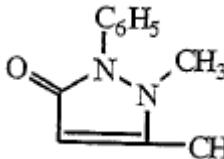
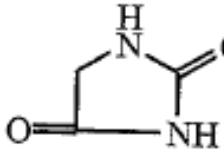
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2932-2	(29.32)	(B)	Lactones	
		(a)	Coumarin	
VI-2932-3		(p)	Phenolphthalein	
		(C)	Other heterocyclic compounds with oxygen hetero-atom(s) only	
		(5)	Safrole	

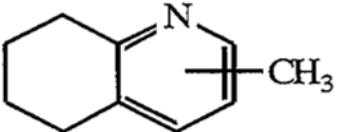
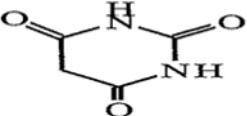
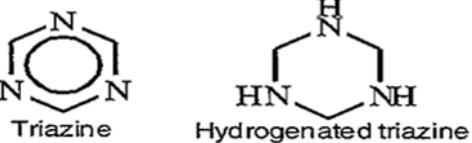
Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
VI-2932-4	(29.32)	(C)	(10)	1-(1,3-Benzodioxol-5-yl) propan-2-one	
				Example for esters (lactone) forming part of two rings (Subheading Explanatory Notes)	
				Example for dilactone (Subheading Explanatory Notes)	
				Internal Hemiacetals	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2932-4)	(29.32)		Ketone peroxides (exclusion) –see 29.09	 
	29.33		Heterocyclic compounds with nitrogen heteroatom(s) only	
VI-2933-2	(A)		Compounds containing an unfused pyrazole ring (whether or not hydrogenated) in the structure	(See structures of pyrazole against page VI-2930-1 for Sub-Chapter X (A) (2) (c))
		(1)	Phenazone	
	(B)		Compounds containing an unfused imidazole ring (whether or not hydrogenated) in the structure	(See structures of imidazole against page VI-2930-1 for Sub-Chapter X (A) (2) (c))
		(1)	Hydantoin	
VI-2933-3	(C)		Compounds containing an unfused pyridine ring (whether or not hydrogenated) in the structure	(See structures of pyridine against page VI-2930-2 for Sub-Chapter X (B) (1) (c))

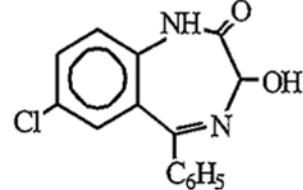
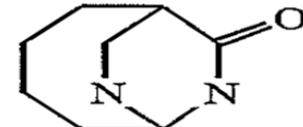
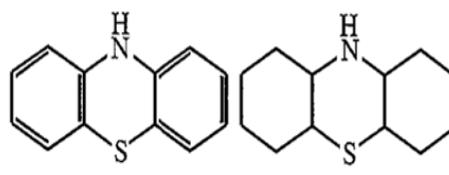
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2933-4	(29.33)	(D)	Compounds containing a quinoline or isoquinoline ring-system (whether or not hydrogenated) not further fused	(See structures of quinoline and isoquinoline against page VI-2930-2 for Sub-Chapter X(C) (e))
		(4)	Tetrahydromethylquinoline (5,6,7,8-Tetrahydromethylquinoline)	
		(E)	Compounds containing a pyrimidine ring (whether or not hydrogenated) or piperazine ring in the structure	(See structure of pyrimidine against page VI-2930-2 for Sub-Chapter X(B) (2) (c))
		(1)	Malonylurea (Barbituric acid)	
VI-2933-5	(F)		Compounds containing an unfused triazine ring (whether or not hydrogenated) in the structure	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2933-5)	(29.33)	(F)	(1)	Melamine
		(G)	Lactams	
		(H)	Other heterocyclic compounds with nitrogen hetero-atom(s) only	
VI-2933-6		(1)	Carbazole	
		(2)	Acridine	See structure of acridine against page VI-2930-2 for Sub-Chapter X(C) (f))

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2933-7	(29.33)		Oxazepam (Subheading Explanatory Notes)	
			Example for amide (lactam) forming part of two rings (Subheading Explanatory Notes)	
	29.34		Nucleic acids and their salts, whether or not chemically defined; other heterocyclic compounds	
VI-2934-1	(A)		Compounds containing an unfused thiazole ring (whether or not hydrogenated) in the structure	See structure of thiazole against page VI-2930-1 for Sub-Chapter X (A) (2)(b))
	(B)		Compounds containing a benzothiazole ring-system (whether or not hydrogenated),not further fused	(See structure of benzothiazole against page VI-2930-2 for Sub-Chapter X (C)(p))
VI-3934-2	(C)		Compounds containing a phenothiazine ring-system(whether or not hydrogenated)not further fused	
	(D)		Other heterocyclic compounds	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2934-2)	(29.34)	(D) (1)	Sultones	
		(a)	Phenolsulfonephthalein	
		(2)	Sultams	
		(4)	Furazolidone (INN)	

Ek – Fasıl 29

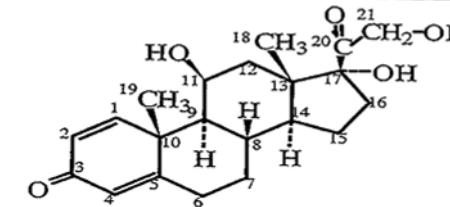
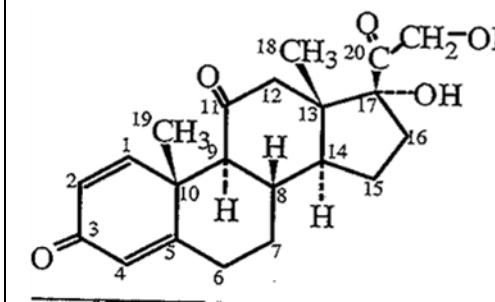
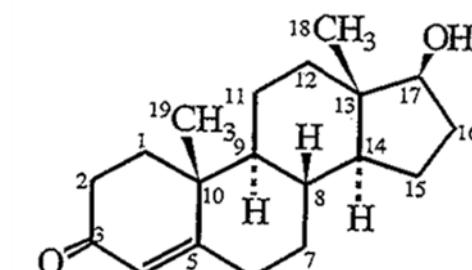
Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2935-1	23.35		Sulphonamides	$\begin{array}{c} \text{O} \\ \\ \text{R}_1-\text{S}-\text{N} \\ \\ \text{O} \end{array} \begin{array}{l} \diagup \\ \text{R}_2 \\ \diagdown \\ \text{R}_3 \end{array}$
		(4)	p-Aminobenzenesulphonamide	$\text{H}_2\text{N}-\text{C}_6\text{H}_4-\text{SO}_2\text{NH}_2$
	29.37		Hormones, prostaglandins, thromboxanes and leukotrienes, natural or reproduced by synthesis; derivatives and structural analogues thereof, including chain modified polypeptides, used primarily as hormones	
		(V)	Analogues of hormones, prostaglandins, thromboxanes and leukotrienes	
VI-2937-2		(b)	Gonane	

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	(29.37)	(B)	STEROIDAL HORMONES, THEIR DERIVATIVES AND STRUCTURAL ANALOGUES	
		(1)	Corticosteroid hormones	
VI-2937-5		(a)	Cortisone (INN)	
		(b)	Hydrocortisone (INN)	
VI-2937-6		(3)	Oestrogens and progestogens	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2937-6)	(29.37)	(B) (3) (a)	Progesterone (INN)	
VI-2937-8	List		Androstane	
VI-2937-10			Estrone (INN)	

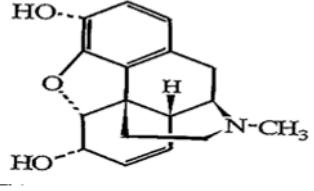
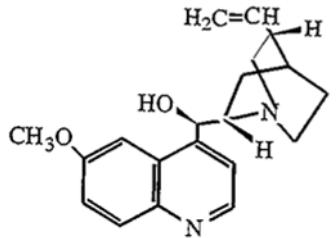
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2937-13	(29.37)	List	Prednisolone (INN)	
			Prednisone (inn)	
VI-2937-14			Testosterone (INN)	

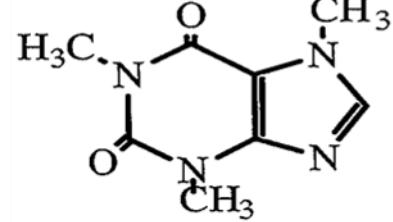
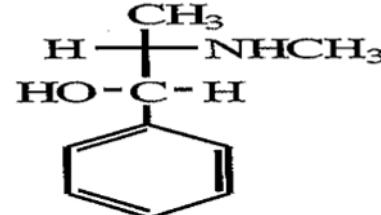
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
-	(29.37)		Estrane	
-			Pregnane	
	29.38		Glycosides, natural or reproduced by synthesis, and their salts, ethers esters and other derivatives	
VI-2938-1	(1)		Rutoside	
	29.39		Vegetable alkaloids, natural or reproduced by synthesis, and their salts, ethers esters and other derivatives	

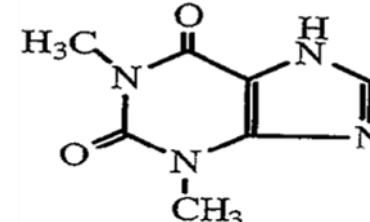
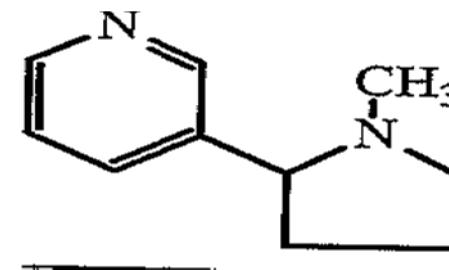
Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
	(29.39)	(A)	ALKALOIDS OF OPIUM AND THEIR DERIVATIVES; SALTS THEREOF	
VI-2939-2		(1)	Morphine	
	(B)		ALKALOIDS OF CINCHONA AND THEIR DERIVATIVES; SALTS THEREOF	
VI-2939-3		(1)	Quinine	
	(C)		CAFFEINE AND ITS SALTS	

Ek – Fasıl 29

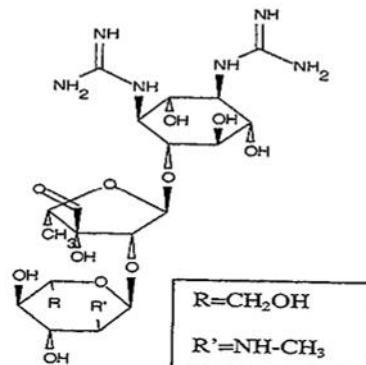
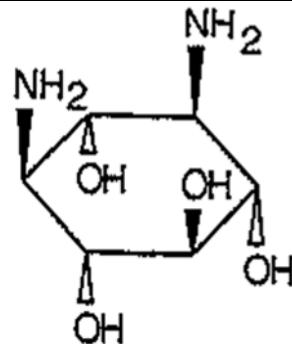
Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
(VI-2939-3)	(29.39)	(C)		Caffeine	
		(D)		EPHEDRINES AND THEIR SALTS	
		(1)		Ephedrine	
		(E)		THEOPHYLLINE AND AMINOPHYLLINE (THEOPHYLLINE- ETHYLENEDIAMINE) AND THEIR DERIVATIVES; SALTS THEREOF	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf		Tanımlama	Kimyassal Yapı
(VI-2939-3)	(29.39)	(E)		Theophylline	
		(G)		NICOTINE AND ITS SALTS	
VI-2939-4				Nicotine	
	29.40			Sugars, chemically pure, other than sucrose, lactose, maltose, glucose and fructose; sugar ethers, sugar acetals and sugar esters, and their salts, other than products of heading 29.37, 29.38 or 29.39	
		(A)		SUGARS, CHEMICALLY PURE	

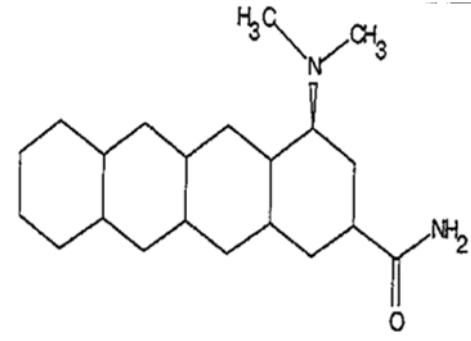
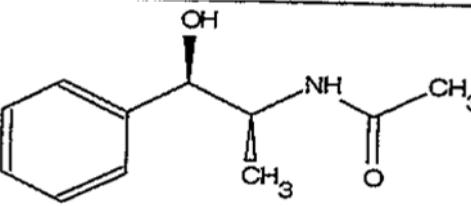
Sayfa	Başlık	Paragraf		Tanımlama	Kimyasal Yapı
VI-2940-1	(29.40)	(A)	(1)	Galactose	<p>The chemical structure of galactose is shown in two formats. On the left, it is shown as a Fischer projection: CHO at the top, HCOH at the bottom-left, HOCH at the bottom-right, and HCOH at the top-left. To its right is its cyclic hemiacetal form, a six-membered ring with CH₂OH at the top and OH at the bottom. The ring carbons are labeled with OH groups: C1 (top) has OH to the left; C2 has OH to the right; C3 has OH down; C4 has OH up; C5 has OH to the left; and C6 (bottom) has OH to the right.</p>
		(B)		SUGAR ETHERS, SUGAR ACETALS AND SUGAR ESTERS, AND THEIR SALTS	
VI-2940-2			(1)	Hydroxypropyl sucrose	<p>The chemical structure of hydroxypropyl sucrose is a disaccharide consisting of a glucose unit linked via its C1-OH group to a sucrose molecule. The glucose unit is shown in its cyclic hemiacetal form with OH groups at C1, C3, and C4. The sucrose molecule is shown in its acyclic form: HOCH₂CH₂CH₂OH attached to C6 of the glucose unit, and HOCH₂O-CH(OH)-CH₂OH attached to C1 of the glucose unit.</p>
	29.41			Antibiotics	
VI-2941-1		(1)		Penicillins	<p>The chemical structure of penicillins is a beta-lactam antibiotic. It features a four-membered beta-lactam ring fused to a thiazolidine ring. The beta-lactam ring has a carbonyl group (C=O) at one corner and an RCONH group at the adjacent corner. The thiazolidine ring has a sulfur atom at the fusion point, a methyl group (CH₃) at the 2-position, and a COOH group at the 3-position. A hydrogen atom (H) is also present on the thiazolidine ring.</p>

Ek – Fasıl 29

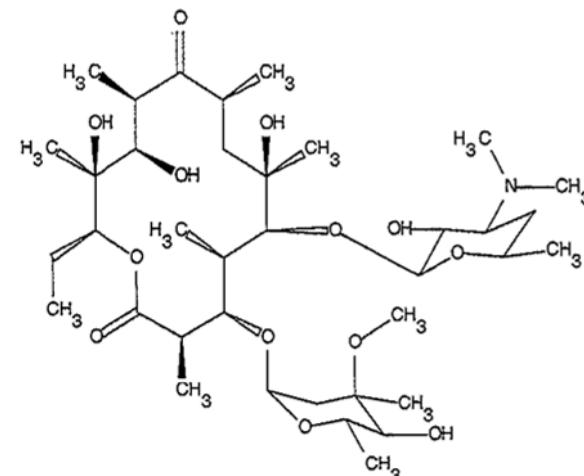
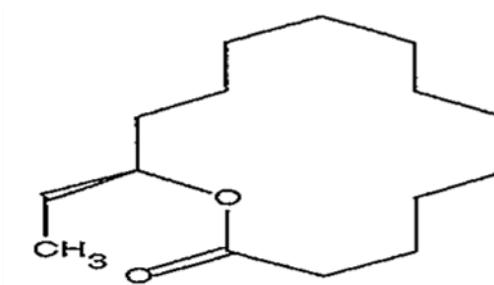
Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
				
(29.41)	(2)		Streptomycin	
VI-2941-2			Streptamine (constituent of the streptomycin skeleton) (Subheading Explanatory Notes)	

Ek – Fasıl 29

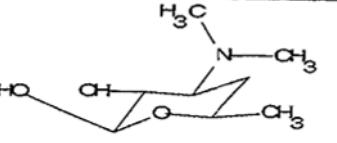
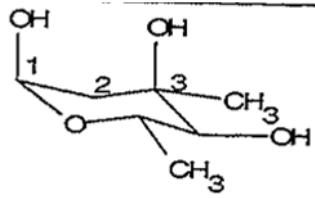
Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2941-2	(29.41)		Streptidine (constituent of the streptomycin skeleton) (Subheading Explanatory Notes)	
			Methylglucosamine (constituent of the streptomycin skeleton) (Subheading Explanatory Notes)	
			5-deoxylyxose (constituent of the streptomycin skeleton) (Subheading Explanatory Notes)	
VI-2941-1	(3)		Tetracycline	

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2941-3			<p>4- dimethylamino- naphthacene- 2- carboxamide (constituent of the tetracycline skeleton) (Subheading Explanatory Notes)</p>	 <chem>CN(C)C1=CC=CC=CC=C1C(=O)N</chem>
			<p>N-(2-hydroxy-1- methyl-2- phenethyl) acetamide (constituent of the chloramphenicol skeleton) (Subheading Explanatory Notes)</p>	 <chem>CC(=O)NC(C)C(O)C1=CC=CC=C1</chem>

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
VI-2941-1	(29.41)	(5)	Erythromycin	
VI-2941-3			13-ethyl-13- tridecanolide (constituent of the erythromycin skeleton) (Subheading Explanatory Notes)	

Ek – Fasıl 29

Sayfa	Başlık	Paragraf	Tanımlama	Kimyasal Yapı
(VI-2941-3)	(29.41)		Desosamine (constituent of the erythromycin skeleton) (Subheading Explanatory Notes)	
			Mycarose(constituent of the erythromycin skeleton) (Subheading Explanatory Notes)	
	29.42		Other organic compounds	
VI-2942-1	(1)		Ketenes	$\begin{array}{c} \text{R} \\ \\ \text{R}'-\text{C}=\text{C}=\text{O} \end{array}$
	(2)		Boron trifluoride complexes with diethyl ether	$(\text{C}_2\text{H}_5)_2\text{O}\cdot\text{BF}_3$

29 Mayıs 2012 SALİ
 Resmî Gazete
 Sayı : 28307