

Pentylenetetrazol

Other names:

Pentylenetetrazole
5H-Tetrazolo[1,5-a]azepine, 6,7,8,9-tetrahydro-
«alpha», «beta»-Cyclopentamethylenetetrazole
Angiazol
Cardiazol
Cardiazole
Cardiol
Cenalene M
Cenazol
Cerebro-nicin
Coranormal
Coranormol
Corasol
Corazol
Corazole
Corisan
Corsedrol
Cortis
Corvasol
Delzol W
Deumacard
Gewazol
Korazol
Korazole
Leptazol
Leptazole
Metrazol
Metrazole
Pentamethylenetetrazole
Pentazol
Pentetrazol
Pentetrazole
Pentrazol
Pentrolone
Pentrozol
Phrenazol
PTZ
Tetracor
Tetrazol
Tetrazole, (1,5-PentanediyI)-

Ventrazol
Yetrazol
1,2,3,3a-Tetrazacyclohepta-8a,2-cyclopentadiene
1,5-Pentamethylenetetrazole
6,7,8,9-Tetrahydro-5H-tetrazoloazepine
7,8,9,10-Tetrazabicyclo[5.3.0]deca-8,10-diene
Angioton
Angiotonin
Cardifortan
Cardiotonicum
Cardosal
Cardosan
Centrazole
Coratoline
Corazole (analeptic)
Corvis
Coryvet
Deamocard
Diovascole
Kardiazol
Lepazol
Metalex-P
Nauranzol
Naurazol
Nedcardol
Neocardol
Neurazol
Novo cora-vinco
Opticor
Pemetesan
Penetiazol
Penetrasol
Penetratsol
Pentacard
Pentacor
Pentamethazol
Pentamethazolum
Pentamethylene-1,5-tetrazole
Pentamethylenetetrazol
Pentazolum
Pentemesan
Petazol
Petezol

Petrazole
 Phrenazone
 PMT
 Stellacardiol
 Stillcardiol
 Tetrasol
 Tetrazole, pentamethylene-
 TT87
 Vasorex
 5H-Tetrazoloazepine, 6,7,8,9-tetrahydro-
 6,7,8,9-Tetrahydro-5-azepotetrazole
 Pentametilentetrazolo
 6,7,8,9-Tetrahydro-5H-tetrazolo[1,5-a]azepine
 7,8,9,10-Tetrazabicyclo[5.3.0]-8,10-decadiene
 Pentavet
Inchi: InChI=1S/C6H10N4/c1-2-4-6-7-8-9-10(6)5-3-1/h1-5H2
InchiKey: CWRVKFFCRWGWCS-UHFFFAOYSA-N
Formula: C6H10N4
SMILES: C1CCc2nnnn2CC1
Mol. weight [g/mol]: 138.17
CAS: 54-95-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.15		Crippen Method
logp	0.399		Crippen Method
mcvol	105.000	ml/mol	McGowan Method
rinpol	1615.00		NIST Webbook
rinpol	1570.00		NIST Webbook
rinpol	1600.00		NIST Webbook
rinpol	1552.00		NIST Webbook
rinpol	1615.00		NIST Webbook
rinpol	1600.00		NIST Webbook
ripol	2683.00		NIST Webbook
ripol	2683.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C54955&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices

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