

Cloxazolam

Other names:	Oxazolo(3,2-d)(1,4)benzodiazepin-6(5H)-one, 10-chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro- Cloxazolazepam CS 370 Enadel MT 14-411 Olcadil Sepazon 10-Chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro-oxazolo[3,2-d] [1,4]benzodiazepin-6(5H)-one Betavel Lubalix Tolestan Sepazone
Inchi:	InChI=1S/C17H14Cl2N2O2/c18-11-5-6-15-13(9-11)17(12-3-1-2-4-14(12)19)21(7-8-23-17
InchiKey:	ZIXNZOBDFKSQTC-UHFFFAOYSA-N
Formula:	C17H14Cl2N2O2
SMILES:	O=C1CN2CCOC2(c2ccccc2Cl)c2cc(Cl)ccc2N1
Mol. weight [g/mol]:	349.21
CAS:	24166-13-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	3.479		Crippen Method
mcvol	233.030	ml/mol	McGowan Method
rinpol	2405.00		NIST Webbook
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rinpol	2405.00		NIST Webbook

Sources

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=C24166130&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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