

Piperazine, 1,4-bis-(2,3-epoxypropyl)-2,5-dimethyl-

Inchi:	InChI=1S/C12H22N2O2/c1-9-3-14(6-12-8-16-12)10(2)4-13(9)5-11-7-15-11/h9-12H,3-8H2
InchiKey:	JILLNOGUZDWMKV-UHFFFAOYSA-N
Formula:	C12H22N2O2
SMILES:	CC1CN(CC2CO2)C(C)CN1CC1CO1
Mol. weight [g/mol]:	226.32
CAS:	105911-04-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.29		Crippen Method
logp	0.179		Crippen Method
mvol	179.060	ml/mol	McGowan Method

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=C105911044&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
mvol:	McGowan's characteristic volume

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