

2,6-Piperidinedione, 3-ethyl-1-methyl-3-phenyl-

Other names:	Glutarimide, 2-ethyl-N-methyl-2-phenyl-Glutethimide methyl derivative Glutethimide permethylated Glutethimide Me
Inchi:	InChI=1S/C14H17NO2/c1-3-14(11-7-5-4-6-8-11)10-9-12(16)15(2)13(14)17/h4-8H,3,9-10
InchiKey:	JHJUZGCNVJFGMC-UHFFFAOYSA-N
Formula:	C14H17NO2
SMILES:	<chem>CCC1(c2ccccc2)CCC(=O)N(C)C1=O</chem>
Mol. weight [g/mol]:	231.29
CAS:	35622-13-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	2.113		Crippen Method
mcvol	186.620	ml/mol	McGowan Method
rinpol	1897.00		NIST Webbook
rinpol	1797.00		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=C35622130&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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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