

2,5-Pyrrolidinedione, 3-ethyl-1,3-dimethyl-

Other names:	Succinimide, 2-ethyl-N,2-dimethyl- N, «alpha»-Dimethyl-«alpha»-ethylsuccinimide PM 680 Ethosuximide Me
Inchi:	InChI=1S/C8H13NO2/c1-4-8(2)5-6(10)9(3)7(8)11/h4-5H2,1-3H3
InchiKey:	SZXUVNXLZXDSLJ-UHFFFAOYSA-N
Formula:	C8H13NO2
SMILES:	<chem>CCC1(C)CC(=O)N(C)C1=O</chem>
Mol. weight [g/mol]:	155.19
CAS:	13861-99-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.94		Crippen Method
logp	0.791		Crippen Method
mcvol	125.840	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C13861999&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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