

N-ethoxymethyl phthalimide

Inchi:	InChI=1S/C11H11NO3/c1-2-15-7-12-10(13)8-5-3-4-6-9(8)11(12)14/h3-6H,2,7H2,1H3
InchiKey:	IMOPXBPHKARACH-UHFFFAOYSA-N
Formula:	C11H11NO3
SMILES:	CCOCN1C(=O)c2ccccc2C1=O
Mol. weight [g/mol]:	205.21
CAS:	2860-50-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	1.277		Crippen Method
mcvol	150.220	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C2860506&Units=SI
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

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/91-029-9/N-ethoxymethyl-phthalimide.pdf>

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