

Morpholine, N-isoBOC

Inchi:	InChI=1S/C9H17NO3/c1-8(2)7-13-9(11)10-3-5-12-6-4-10/h8H,3-7H2,1-2H3
InchiKey:	XLDHZKAMJKEUNG-UHFFFAOYSA-N
Formula:	C9H17NO3
SMILES:	CC(C)COC(=O)N1CCOCC1
Mol. weight [g/mol]:	187.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	1.111		Crippen Method
mcvol	150.100	ml/mol	McGowan Method
rinpola	1370.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R392751&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.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
rinpola:	Non-polar retention indices

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