

Oxazolidine, 3-phenyl-

Other names:	3-Phenyloxazolidine 3-Phenyl-1,3-oxazolidine
Inchi:	InChI=1S/C9H11NO/c1-2-4-9(5-3-1)10-6-7-11-8-10/h1-5H,6-8H2
InchiKey:	ITSRLVMSQHOSEC-UHFFFAOYSA-N
Formula:	C9H11NO
SMILES:	<chem>c1ccc(N2CCOC2)cc1</chem>
Mol. weight [g/mol]:	149.19
CAS:	20503-92-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.28		Crippen Method
logp	1.481		Crippen Method
mvol	118.900	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=C20503928&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
mvol:	McGowan's characteristic volume

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