

3-Phenyl-1,3-oxazolidine

Other names:	3-Phenyl-1,3-oxazolidine 3-Phenyloxazolidine
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:	c1ccc(N2CCOC2)cc1
Mol. weight [g/mol]:	149.19

Physical Properties

Property code	Value	Unit	Source
hvap	66.81	kJ/mol	Cheméo Relay (1.0)
ie	7.65	eV	Cheméo Relay (1.0)
logp	1.481		Crippen Method
mcvol	118.900	ml/mol	McGowan Method
tb	519.10	K	Cheméo Relay (1.0)
tf	278.39	K	Cheméo Relay (1.0)

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C20503928&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume
tb: Normal Boiling Point Temperature
tf: Normal melting (fusion) point

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