

1-(2-(2-Hydroxyethoxy)ethyl)piperazine

Other names:	Ethanol, 2-[2-(1-piperazinyl)ethoxy]- N-(2-(2-Hydroxyethoxy)ethyl) piperazine
Inchi:	InChI=1S/C8H18N2O2/c11-6-8-12-7-5-10-3-1-9-2-4-10/h9,11H,1-8H2
InchiKey:	FLNQAPQQAZVRDA-UHFFFAOYSA-N
Formula:	C8H18N2O2
SMILES:	OCCOCCN1CCNCC1
Mol. weight [g/mol]:	174.24
CAS:	13349-82-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.82		Crippen Method
logp	-1.099		Crippen Method
mcpol	144.420	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	386.20	K	0.04	NIST Webbook

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=C13349821&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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