

2-(Dimethylaminomethyl)-3-hydroxypyridine

Other names:	3-Pyridinol, 2-[(dimethylamino)methyl]- 2-[(dimethylamino)methyl]pyridin-3-ol
Inchi:	InChI=1S/C8H12N2O/c1-10(2)6-7-8(11)4-3-5-9-7/h3-5,11H,6H2,1-2H3
InchiKey:	NUMYETXZBQVFDX-UHFFFAOYSA-N
Formula:	C8H12N2O
SMILES:	CN(C)Cc1ncccc1O
Mol. weight [g/mol]:	152.19
CAS:	2168-13-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	0.849		Crippen Method
mcvol	125.650	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	371.20	K	0.50	NIST Webbook

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=C2168130&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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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