

6-Amino-1-hexanol, trimethylsilyl ether

Other names: 6-[(Trimethylsilyl)oxy]hexan-1-amine
1-Hexanol, 6-amino, O-TMS
6-Amino-1-hexanol, tms derivative

Inchi: InChI=1S/C9H23NOSi/c1-12(2,3)11-9-7-5-4-6-8-10/h4-10H2,1-3H3

InchiKey: LYCNGDWFSVYEHD-UHFFFAOYSA-N

Formula: C9H23NOSi

SMILES: C[Si](C)(C)OCCCCCN

Mol. weight [g/mol]: 189.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	2.357		Crippen Method
rinpol	1229.50		NIST Webbook
rinpol	1231.00		NIST Webbook
rinpol	1229.50		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333070&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

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/42-842-0/6-Amino-1-hexanol-trimethylsilyl-ether.pdf>

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