5-Amino-1-pentanol, trimethylsilyl ether

Other names:	5-[(Trimethylsilyl)oxy]pentan-1-amine
	1-Pentanol, 5-amino, O-TMS
	5-Amino-1-pentanol, tms derivative
Inchi:	InChI=1S/C8H21NOSi/c1-11(2,3)10-8-6-4-5-7-9/h4-9H2,1-3H3
InchiKey:	QNGPFLOHTKCASJ-UHFFFAOYSA-N
Formula:	C8H21NOSi
SMILES:	C[Si](C)(C)OCCCCCN
Mol. weight [g/mol]:	175.34

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	1.967		Crippen Method
rinpol	1129.30		NIST Webbook
rinpol	1135.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333017&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.