

L-Asparagine, N2-trimethylsilyl-, trimethylsilyl ester

Other names:	L-asparagine, 2tms derivative
Inchi:	InChI=1S/C10H24N2O3Si2/c1-16(2,3)12-9(13)7-8(11)10(14)15-17(4,5)6/h8H,7,11H2,1-6
InchiKey:	MYSKOZCNKKETRV-UHFFFAOYSA-N
Formula:	C10H24N2O3Si2
SMILES:	C[Si](C)(C)NC(=O)CC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	276.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.52		Crippen Method
logp	1.033		Crippen Method
rinpol	1589.00		NIST Webbook
rinpol	1589.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333258&Units=SI

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/119-304-2/L-Asparagine-N2-trimethylsilyl-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-05-03 14:36:27.131837421 +0000 UTC m=+17036236.052414737.

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