

L-Aspartic acid, bis(trimethylsilyl) ester

Other names:	L-aspartic acid, 2tms derivative
Inchi:	InChI=1S/C10H23NO4Si2/c1-16(2,3)14-9(12)7-8(11)10(13)15-17(4,5)6/h8H,7,11H2,1-6H
InchiKey:	UTGZLLJGNUQPMX-UHFFFAOYSA-N
Formula:	C10H23NO4Si2
SMILES:	C[Si](C)(C)OC(=O)CC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	277.46

Physical Properties

Property code	Value	Unit	Source
log10ws	2.62		Crippen Method
logp	1.460		Crippen Method
rinpol	1427.00		NIST Webbook
rinpol	1412.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333288&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/29-243-0/l-Aspartic-acid-bis-trimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-05-05 03:51:16.465956151 +0000 UTC m=+17170325.386533467.

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