

L-Aspartic acid, bis(tert-butyldimethylsilyl) ester

Other names:	L-aspartic acid, 2tbdms derivative
Inchi:	InChI=1S/C16H35NO4Si2/c1-15(2,3)22(7,8)20-13(18)11-12(17)14(19)21-23(9,10)16(4,5)
InchiKey:	IITACANCTYFRAX-UHFFFAOYSA-N
Formula:	C16H35NO4Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CC(N)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	361.62

Physical Properties

Property code	Value	Unit	Source
log10ws	0.11		Crippen Method
logp	3.801		Crippen Method
rinpola	1866.30		NIST Webbook
rinpola	1866.30		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=U333287&Units=SI

Legend

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

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<https://www.chemeo.com/cid/50-153-6/l-Aspartic-acid-bis-tert-butyldimethylsilyl-ester.pdf>

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