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

Other names: Aspartic acid, triTBDMS
L-aspartic acid, 3tbdms derivative
Inchi: InChI=1S/C22H49NO4Si3/c1-20(2,3)28(10,11)23-17(19(25)27-30(14,15)22(7,8)9)16-18(
InchiKey: QQXNMPLNDTUYAN-QGZVFWFLSA-N
Formula: C22H49NO4Si3
SMILES: CC(C)(C)[Si](C)(C)NC(CC(=O)O[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 475.89
CAS: 107715-96-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.21		Crippen Method
logp	6.437		Crippen Method
rinpol	2158.00		NIST Webbook
rinpol	2134.80		NIST Webbook
rinpol	2158.00		NIST Webbook
rinpol	2134.80		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C107715968&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: