L-Asparagine, N,N2-bis(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names:	N,N,O-Tris(dimethyl-t-butylsilyl)-L-asparagine
	tert-Butyl(dimethyl)silyl 2,4-bis([tert-butyl(dimethyl)silyl]amino)-4-oxobutanoate, (S)-
	Asp, tris-TBDMS
	Asp, TBDMS
	L-asparagine, 3tbdms derivative
Inchi:	InChI=1S/C22H50N2O3Si3/c1-20(2,3)28(10,11)23-17(19(26)27-30(14,15)22(7,8)9)16-18
InchiKey:	QOAONZDISIOCNC-QGZVFWFLSA-N
Formula:	C22H50N2O3Si3
SMILES:	CC(C)(C)[Si](C)(C)NC(=O)CC(N[Si](C)(C)C(C)(C)C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	474.90
CAS:	96381-41-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.31		Crippen Method
logp	6.010		Crippen Method
rinpol	2164.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C96381418&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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