L-Tyrosine, N,O-bis(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names: N,O,O-Tris(dimethyl-t-butylsilyl)-l-tyrosine
Tyrosine, N,O,O-tris-TBDMS
Tyrosine triTBDMS
Tyr, N,O,O-tris-TBDMS
Tyr, TBDMS
Tyrosine, TBDMS
L-tyrosine, 3tbdms derivative

Inchi: InChI=1S/C27H53NO3Si3/c1-25(2,3)32(10,11)28-23(24(29)31-34(14,15)27(7,8)9)20-21-

InchiKey: QIFNZTAFWUSNEI-HSZRJFAPSA-N

Formula: C27H53NO3Si3

SMILES: CC(C)(C)[Si](C)(C)NC(Cc1ccc(O[Si](C)(C)C(C)(C)C)cc1)C(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 523.97

CAS: 107716-01-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	8.125		Crippen Method
rinpol	2650.00		NIST Webbook
rinpol	2650.00		NIST Webbook
rinpol	2617.70		NIST Webbook
rinpol	2649.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C107716018&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/38-927-1/L-Tyrosine-N-O-bis-tert-butyldimethylsilyl-tert-butyldimethylsilyl-ester.pdf

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