

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

Other names:	N,O,O-Tris(dimethyl-t-butyIsilyl)-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

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