

L-(+)-Tartaric acid, bis(trimethylsilyl) ether, bis(trimethylsilyl) ester

Other names:	L-(+)-tartaric acid, 4tms derivative
Inchi:	InChI=1S/C16H38O6Si4/c1-23(2,3)19-13(15(17)21-25(7,8)9)14(20-24(4,5)6)16(18)22-26
InchiKey:	LPQBQHQEJJCWBZ-UHFFFAOYSA-N
Formula:	C16H38O6Si4
SMILES:	C[Si](C)(C)OC(=O)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	438.81

Physical Properties

Property code	Value	Unit	Source
log10ws	5.15		Crippen Method
logp	4.183		Crippen Method
rinpol	1622.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352521&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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:

<https://www.chemeo.com/cid/70-606-1/L-Tartaric-acid-bis-trimethylsilyl-ether-bis-trimethylsilyl-ester.pdf>

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