Succinic acid, 2,3-bis(trimethylsiloxy)-, bis(trimethylsilyl) ester

Other names:	TARTARIC ACID 4TMS
	Tartaric acid, tetrakis-TMS
	Tartaric acid, tetra-TMS
	Tartaric acid, TMS
	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
CAS:	18602-86-3

Physical Properties

Property code	Value	Unit	Source
log10ws	5.15		Crippen Method
logp	4.183		Crippen Method
rinpol	1665.00		NIST Webbook
rinpol	1665.00		NIST Webbook
rinpol	1665.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18602863&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:

https://www.chemeo.com/cid/64-247-7/Succinic-acid-2-3-bis-trimethylsiloxy-bis-trimethylsilyl-ester.pdf

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