

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

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

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

NIST Webbook:

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