

3-Trimethylsiloxysebacic acid, bis(trimethylsilyl)- ester

Other names:

3-Hydroxysebacic acid, trimethylsilyl ether, bis(trimethylsilyl) ester

Decanedioic acid, 3-hydroxy, (3TMS)-

Decanedioic acid, 3-[(trimethylsilyl)oxy]-, bis(trimethylsilyl) ester

Decanedioic acid, 3-hydroxy, TMS

3-Hydroxysebacic acid, TMS

Inchi: InChI=1S/C19H42O5Si3/c1-25(2,3)22-17(16-19(21)24-27(7,8)9)14-12-10-11-13-15-18(20)

InchiKey: WRRRGDFZARMTTM-UHFFFAOYSA-N

Formula: C19H42O5Si3

SMILES: C[Si](C)(C)OC(=O)CCCCC(CC(=O)O[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 434.79

CAS: 76735-13-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.15		Crippen Method
logp	5.693		Crippen Method

Sources

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

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C76735132&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

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