

1,11-Undecanedioic acid, di(trimethylsilyl) ester

Other names:

Undecanedioic acid di-TMS
Undecanedioic acid, bis-TMS ester
Undecanedioic acid, bis-trimethylsilyl ester
Undecanedioic acid, TMS ester
Undecanedioic acid, 2tms derivative

Inchi:

InChI=1S/C17H36O4Si2/c1-22(2,3)20-16(18)14-12-10-8-7-9-11-13-15-17(19)21-23(4,5)6

InchiKey:

WANRKRMI BVTYBU-UHFFFAOYSA-N

Formula:

C₁₇H₃₆O₄Si₂

SMILES:

C[Si](C)(C)OC(=O)CCCCCCCCC(=O)O[Si](C)(C)C

Mol. weight [g/mol]:

360.64

CAS:

106450-25-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.77		Crippen Method
logp	5.253		Crippen Method
rinpol	2005.00		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=C106450253&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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