

Heptanedioic acid, 4-oxo-, bis(trimethylsilyl) ester

Other names:	4-Oxoheptanedioic acid, bis-trimethylsilyl ester 4-Oxoheptanedioic acid, 2tms derivative
Inchi:	InChI=1S/C13H26O5Si2/c1-19(2,3)17-12(15)9-7-11(14)8-10-13(16)18-20(4,5)6/h7-10H2
InchiKey:	MZFMODRLLGAUML-UHFFFAOYSA-N
Formula:	C13H26O5Si2
SMILES:	C[Si](C)(C)OC(=O)CCC(=O)CCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	318.51
CAS:	55517-44-7

Physical Properties

Property code	Value	Unit	Source
log10ws	1.63		Crippen Method
logp	2.872		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=C55517447&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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