Undecanedioic acid, bis(trimethylsilyl)ester

Other names:	Undecandioic 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:	WANRKRMIBVTYBU-UHFFFAOYSA-N
Formula:	C17H36O4Si2
SMILES:	C[Si](C)(C)OC(=O)CCCCCCCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	360.64

Physical Properties

Property code	Value	Unit	Source
hf	-1220.23	kJ/mol	Cheméo Relay (1.0)
hvap	85.37	kJ/mol	Cheméo Relay (1.0)
log10ws	-4.51		Cheméo Relay (1.0)
logp	5.253		Crippen Method
pc	742.45	kPa	Cheméo Relay (1.0, beta)
rinpol	2005.00		NIST Webbook
tb	567.15	K	Cheméo Relay (1.0)
tc	737.86	K	Cheméo Relay (1.0)
tf	298.56	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C106450253&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point