2-Ketoglutaric acid ditbdms

Other names:	2-Ketopentanrdioic acid ditbdms
	2-Ketoglutaric acid, 2tbdms derivative
Inchi:	InChI=1S/C17H34O5Si2/c1-16(2,3)23(7,8)21-14(19)12-11-13(18)15(20)22-24(9,10)17(4,
InchiKey:	RJMSHEROUAXRFK-UHFFFAOYSA-N
Formula:	C17H34O5Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CCC(=O)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	374.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.05		Crippen Method
logp	4.433		Crippen Method
rinpol	2149.00		NIST Webbook
rinpol	2149.00		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=U332344&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices