

Succinylacetone, TBDMS # 1

Inchi: InChI=1S/C19H38O4Si2/c1-15(20)14-16(22-24(8,9)18(2,3)4)12-13-17(21)23-25(10,11)19
InchiKey: LGKXMXMEQKFDHR-UHFFFAOYSA-N
Formula: C19H38O4Si2
SMILES: CC(=O)C=C(CCC(=O)O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 386.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.46		Crippen Method
logp	5.810		Crippen Method
rinpol	1791.00		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=R565003&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/50-356-1/Succinylacetone-TBDMS-1.pdf>

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