

cis-Oxalacetic acid, TMS

Inchi: InChI=1S/C13H28O5Si3/c1-19(2,3)16-11(13(15)18-21(7,8)9)10-12(14)17-20(4,5)6/h10H
InchiKey: UWSNVVANMGFIDM-ZHACJKMWSA-N
Formula: C13H28O5Si3
SMILES: C[Si](C)(C)OC(=O)C=C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 348.61

Physical Properties

Property code	Value	Unit	Source
log10ws	3.42		Crippen Method
logp	3.478		Crippen Method
rinpol	1553.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R117258&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/55-161-2/cis-Oxalacetic-acid-TMS.pdf>

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