

3-O-Methylarabinaric acid, TMS

Inchi: InChI=1S/C18H42O7Si4/c1-21-14(15(22-26(2,3)4)17(19)24-28(8,9)10)16(23-27(5,6)7)18
InchiKey: KXFQIMOZGZNGBJ-UHFFFAOYSA-N
Formula: C18H42O7Si4
SMILES: COC(C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C)C(O[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 482.86

Physical Properties

Property code	Value	Unit	Source
log10ws	5.12		Crippen Method
logp	4.198		Crippen Method
rinpol	1776.00		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=R101436&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/123-258-9/3-O-Methylarabinaric-acid-TMS.pdf>

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