

Glyceraldehyde, 1-MO, 2TMS, BP

Inchi: InChI=1S/C10H25NO3Si2/c1-12-11-8-10(14-16(5,6)7)9-13-15(2,3)4/h8,10H,9H2,1-7H3/t
InchiKey: UYVDDMRRJHRESQ-DHZHZOJOSA-N
Formula: C10H25NO3Si2
SMILES: CON=CC(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 263.48

Physical Properties

Property code	Value	Unit	Source
log10ws	2.36		Crippen Method
logp	2.690		Crippen Method
rinpol	1215.00		NIST Webbook
rinpol	1215.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R577125&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/61-909-5/Glyceraldehyde-1-MO-2TMS-BP.pdf>

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