

Phosphoric acid, bis(trimethylsilyl)monomethyl ester

Inchi: InChI=1S/C7H21O4PSi2/c1-9-12(8,10-13(2,3)4)11-14(5,6)7/h1-7H3
InchiKey: ZHSASVIHJYLKSZ-UHFFFAOYSA-N
Formula: C7H21O4PSi2
SMILES: COP(=O)(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 256.38
CAS: 18291-81-1

Physical Properties

Property code	Value	Unit	Source
log10ws	0.62		Crippen Method
logp	3.444		Crippen Method
rinpol	1170.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C18291811&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/77-885-5/Phosphoric-acid-bis-trimethylsilyl-monomethyl-ester.pdf>

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