

Phosphorous acid, tris(trimethylsilyl) ester

Inchi: InChI=1S/C9H27O3PSi3/c1-14(2,3)10-13(11-15(4,5)6)12-16(7,8)9/h1-9H3
InchiKey: VMZOBROUFBEGAR-UHFFFAOYSA-N
Formula: C9H27O3PSi3
SMILES: C[Si](C)(C)OP(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 298.54

Physical Properties

Property code	Value	Unit	Source
log10ws	6.17		Crippen Method
logp	4.768		Crippen Method
rinpol	1115.00		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=U141246&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/113-479-5/Phosphorous-acid-tris-trimethylsilyl-ester.pdf>

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