

# Phosphoethanolamine, TMS # 2

**Inchi:** InChI=1S/C11H32NO4PSi3/c1-18(2,3)12-10-11-14-17(13,15-19(4,5)6)16-20(7,8)9/h12H,  
**InchiKey:** SFJKXHNFFRRHCH-UHFFFAOYSA-N  
**Formula:** C11H32NO4PSi3  
**SMILES:** C[Si](C)(C)NCCOP(=O)(O[Si](C)(C)C)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 357.61

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.71		Crippen Method
logp	4.239		Crippen Method
rinpol	1599.00		NIST Webbook
rinpol	1599.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R401419&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/96-352-5/Phosphoethanolamine-TMS-2.pdf>

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