

# 4-Bis(trimethylsilyloxy)phosphoryl-N-trimethylsilyl

<b>Other names:</b>	Bis(trimethylsilyl) 4-[(trimethylsilyl)amino]butylphosphonate Phosphonic acid, [4-[(trimethylsilyl)amino]butyl]-, bis(trimethylsilyl) ester
<b>Inchi:</b>	InChI=1S/C13H36NO3PSi3/c1-19(2,3)14-12-10-11-13-18(15,16-20(4,5)6)17-21(7,8)9/h1
<b>InchiKey:</b>	GZBLIWFLEIIFSA-UHFFFAOYSA-N
<b>Formula:</b>	C13H36NO3PSi3
<b>SMILES:</b>	<chem>C[Si](C)(C)NCCCCP(=O)(O[Si](C)(C)C)O[Si](C)(C)C</chem>
<b>Mol. weight [g/mol]:</b>	369.66

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.95		Crippen Method
logp	5.087		Crippen Method
rinpola	1759.00		NIST Webbook
rinpola	1759.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U373036&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373036&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>rinpola:</b>	Non-polar retention indices

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