

Bis(tert-butyldimethylsilyl) 3-[(tert-butyldimethylsilyl)amino]propylphosphonate

Other names:	3-Bis(tert-butyldimethylsilyloxy)phosphoryl-N-tert-butyldimethylsilyl-propan-1-amine Phosphonic acid, [3-[(tert-butyldimethylsilyl)amino]propyl]-, bis(tert-butyldimethylsilyl) ester
Inchi:	InChI=1S/C21H52NO3PSi3/c1-19(2,3)27(10,11)22-17-16-18-26(23,24-28(12,13)20(4,5)6
InchiKey:	QXLAYXPCDATAQJ-UHFFFAOYSA-N
Formula:	C21H52NO3PSi3
SMILES:	CC(C)(C)[Si](C)(C)NCCCP(=O)(O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	481.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.40		Crippen Method
logp	8.208		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U378224&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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