

1-Bis(trimethylsilyloxy)phosphoryl-N-trimethylsilyl

Other names:	1-Bis(trimethylsilyloxy)phosphoryl-N-trimethylsilyl-methanamine
Inchi:	InChI=1S/C10H30NO3PSi3/c1-16(2,3)11-10-15(12,13-17(4,5)6)14-18(7,8)9/h11H,10H2,
InchiKey:	LGIHWBCBJHIWMS-UHFFFAOYSA-N
Formula:	C10H30NO3PSi3
SMILES:	C[Si](C)(C)NCP(=O)(O[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]:	327.59

Physical Properties

Property code	Value	Unit	Source
logp	4.264		Crippen Method
rinpol	1465.00		NIST Webbook
rinpol	1465.00		NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C53044363&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/24-237-2/1-Bis-trimethylsilyloxy-phosphoryl-N-trimethylsilyl-methanamine.pdf>

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