

Pyruvic acid oxime, bis(trimethylsilyl)- deriv.

Other names:	Pyruvic acid oxime, bis(trimethylsilyl) Trimethylsilyl 2-([(trimethylsilyl)oxy]imino)propanoate Oximated pyruvic acid, diTMS Pyruvic acid, oxime, bis-TMS Pyruvic acid, oxime, di-TMS Pyruvic acid, oxime, (2TMS) Pyruvic oxime, bis-TMS Pyruvic acid, oxime, TMS
Inchi:	InChI=1S/C9H21NO3Si2/c1-8(10-13-15(5,6)7)9(11)12-14(2,3)4/h1-7H3
InchiKey:	XHLLDMDODGHULR-UHFFFAOYSA-N
Formula:	C9H21NO3Si2
SMILES:	CC(=NO[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	247.44
CAS:	51621-44-4

Physical Properties

Property code	Value	Unit	Source
log10ws	2.20		Crippen Method
logp	2.592		Crippen Method
rinpol	1149.00		NIST Webbook
rinpol	1156.00		NIST Webbook
rinpol	1157.00		NIST Webbook
rinpol	1147.00		NIST Webbook
rinpol	1149.00		NIST Webbook
rinpol	1148.00		NIST Webbook
rinpol	1147.00		NIST Webbook
rinpol	1149.00		NIST Webbook
rinpol	1158.00		NIST Webbook
rinpol	1147.00		NIST Webbook

Sources

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C51621444&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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