2-Ketoisovaleric acid oxime, bis(trimethylsilyl)- deriv.

Other names: 2-Ketoisovaleric acid oxime, bis(trimethylsilyl)
Trimethylsilyl 3-methyl-2-([(trimethylsilyl)oxy]imino)butanoate
2-Ketoisovaleric acid, oxime, bis-TMS
2-Ketoisovaleric acid, oxime, di-TMS
2-Oxobutanoic acid, 3-methyl, oxime, bis-TMS
Oximated 2-keto-isovaleric acid, diTMS

Inchi: InChI=1S/C11H25NO3Si2/c1-9(2)10(12-15-17(6,7)8)11(13)14-16(3,4)5/h9H,1-8H3

InchiKey: IVPXACATUKBSAE-UHFFFAOYSA-N

Formula: C11H25NO3Si2

SMILES: CC(C)C(=NO[Si](C)(C)C)C(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 275.49

CAS: 51621-78-4

Physical Properties

Property code	Value	Unit	Source
log10ws	1.61		Crippen Method
logp	3.228		Crippen Method
rinpol	1214.00		NIST Webbook
rinpol	1214.00		NIST Webbook
rinpol	1213.00		NIST Webbook
rinpol	1209.00		NIST Webbook
rinpol	1213.00		NIST Webbook
rinpol	1224.00		NIST Webbook
rinpol	1224.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C51621784&Units=SI

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

Legend

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