

Glyoxylic oxime acid, bis(trimethylsilyl)-

Other names:	Glyoxylic acid, oxime, bis-TMS Glyoxylic acid, oxime, di-TMS Glyoxylic oxime, bis-TMS Glyoxylic oxime, (2TMS) Glyoxylic oxime, TMS Glycolic acid, oxime, TMS Oximated glyoxylic acid, diTMS
Inchi:	InChI=1S/C8H19NO3Si2/c1-13(2,3)11-8(10)7-9-12-14(4,5)6/h7H,1-6H3
InchiKey:	KRHYRAAJDYBQNQ-UHFFFAOYSA-N
Formula:	C8H19NO3Si2
SMILES:	C[Si](C)(C)ON=CC(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	233.41
CAS:	51621-77-3

Physical Properties

Property code	Value	Unit	Source
log10ws	2.62		Crippen Method
logp	2.202		Crippen Method
rinpol	1135.00		NIST Webbook
rinpol	1129.00		NIST Webbook
rinpol	1133.00		NIST Webbook
rinpol	1121.00		NIST Webbook
rinpol	1135.00		NIST Webbook
rinpol	1135.00		NIST Webbook
rinpol	1121.00		NIST Webbook
rinpol	1125.00		NIST Webbook
rinpol	1120.00		NIST Webbook
rinpol	1121.00		NIST Webbook
rinpol	1125.00		NIST Webbook

Sources

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

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

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/13-883-7/Glyoxylic-oxime-acid-bis-trimethylsilyl.pdf>

Generated by Cheméo on 2024-05-15 01:20:09.456993014 +0000 UTC m=+18025258.377570334.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.