

Glucose oxime hexakis(trimethylsilyl)

Other names:	Glucose oxime, hexa-TMS Glucose, oxime, hexakis-TMS D-Glucose, 2,3,4,5,6-pentakis-O-(trimethylsilyl)-, O-(trimethylsilyl)oxime Glucose, oxime, TMS Glucose oxime, 6tms derivative
Inchi:	InChI=1S/C24H61NO6Si6/c1-32(2,3)26-20-22(28-34(7,8)9)24(30-36(13,14)15)23(29-35(
InchiKey:	VHAWQMKIXQYXHC-UHFFFAOYSA-N
Formula:	C24H61NO6Si6
SMILES:	<chem>C[Si](C)(C)OCC(O[Si](C)(C)C)C(O[Si](C)(C)C)C(O[Si](C)(C)C)C(C=NO[Si](C)(C)C)O[Si](C)(C)C</chem>
Mol. weight [g/mol]:	628.26
CAS:	120850-89-7

Physical Properties

Property code	Value	Unit	Source
log10ws	6.70		Crippen Method
logp	7.556		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C120850897&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/70-014-8/Glucose-oxime-hexakis-trimethylsilyl.pdf>

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