

Glucosamine per-TMS

Other names:	Glucosamine, hexakis-TMS
Inchi:	InChI=1S/C24H61NO5Si6/c1-31(2,3)25(32(4,5)6)21-23(29-35(13,14)15)22(28-34(10,11)
InchiKey:	MXZRAGXCTLUYQC-UHFFFAOYSA-N
Formula:	C24H61NO5Si6
SMILES:	C[Si](C)(C)OCC1OC(O[Si](C)(C)C)C(N([Si](C)(C)C)[Si](C)(C)C)C(O[Si](C)(C)C)C1O[Si](
Mol. weight [g/mol]:	612.26

Physical Properties

Property code	Value	Unit	Source
log10ws	6.87		Crippen Method
logp	7.195		Crippen Method
rinpol	1960.00		NIST Webbook
rinpol	1960.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U141269&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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/83-998-3/Glucosamine-per-TMS.pdf>

Generated by Cheméo on 2024-05-01 00:56:52.988226088 +0000 UTC m=+16814261.908803400.

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