

Glutamine, tris-TMS derivative

Other names:	GLUTAMINE,N,N,O-TMS
Inchi:	InChI=1S/C14H34N2O3Si3/c1-20(2,3)15-12(14(18)19-22(7,8)9)10-11-13(17)16-21(4,5)6
InchiKey:	KQLPBEWXXARCMA-UHFFFAOYSA-N
Formula:	C14H34N2O3Si3
SMILES:	C[Si](C)(C)NC(=O)CCC(N[Si](C)(C)C)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	362.69

Physical Properties

Property code	Value	Unit	Source
log10ws	3.04		Crippen Method
logp	2.889		Crippen Method
rinpol	1771.40		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R330184&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.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.cheméo.com/cid/42-458-7/Glutamine-tris-TMS-derivative.pdf>

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