

Arginine, bis-TMS

Inchi: InChI=1S/C12H30N4O2Si2/c1-19(2,3)16-12(14)15-9-7-8-10(13)11(17)18-20(4,5)6/h10H,
InchiKey: GZTSYWPWFDXLPL-UHFFFAOYSA-N
Formula: C12H30N4O2Si2
SMILES: C[Si](C)(C)NC(=N)NCCCC(N)C(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 318.56

Physical Properties

Property code	Value	Unit	Source
log10ws	0.36		Crippen Method
logp	1.421		Crippen Method
rinpol	1590.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R400718&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/40-013-2/Arginine-bis-TMS.pdf>

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