

6-Aminopyridine-3-carboxamide, bis(trimethylsilyl)-

Other names: N-(Trimethylsilyl)-6-(trimethylsilylamino)nicotinamide

Inchi: InChI=1S/C12H23N3OSi2/c1-17(2,3)14-11-8-7-10(9-13-11)12(16)15-18(4,5)6/h7-9H,1-6

InchiKey: IHUBTIIWESYCRC-UHFFFAOYSA-N

Formula: C₁₂H₂₃N₃OSi₂

SMILES: C[Si](C)(C)NC(=O)c1ccc(N[Si](C)(C)C)nc1

Mol. weight [g/mol]: 281.50

Physical Properties

Property code	Value	Unit	Source
log10ws	0.63		Crippen Method
logp	2.893		Crippen Method
rinpol	1976.00		NIST Webbook

Sources

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

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373264&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.chemeo.com/cid/61-179-6/6-Aminopyridine-3-carboxamide-bis-trimethylsilyl.pdf>

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