

Trimethylsilyl 2-[[4-(trimethylsilylamino)benzoyl]amino]acetate

Other names: Hippuric acid, 4-trimethylsilylamino, trimethylsilyl ester
Inchi: InChI=1S/C15H26N2O3Si2/c1-21(2,3)17-13-9-7-12(8-10-13)15(19)16-11-14(18)20-22(4,
InchiKey: DLNNYNQWYDERFG-UHFFFAOYSA-N
Formula: C15H26N2O3Si2
SMILES: C[Si](C)(C)Nc1ccc(C(=O)NCC(=O)O[Si](C)(C)C)cc1
Mol. weight [g/mol]: 338.55

Physical Properties

Property code	Value	Unit	Source
log10ws	0.70		Crippen Method
logp	3.041		Crippen Method
rinpol	2504.00		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=U372927&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/27-756-3/Trimethylsilyl-2-4-trimethylsilylamino-benzoyl-amino-acetate.pdf>

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