Silanamine, N-ethyl-1,1,1-trimethyl-N-(phenylmethyl)-

Other names: Silylamine, N-benzyl-N-ethyl-1,1,1-trimethyl-
N-Ethyl-N-(trimethylsilyl)benzylamine
Benzenamine, N-ethyl, mono-TMS
N-ethylbenzylamine, tms derivative

Inchi: InChI=1S/C12H21NSi/c1-5-13(14(2,3)4)11-12-9-7-6-8-10-12/h6-10H,5,11H2,1-4H3

InchiKey: IVTNHFPTOGXRGQ-UHFFFAOYSA-N

Formula: C12H21NSi

SMILES: CCN(Cc1ccccc1)[Si](C)(C)C

Mol. weight [g/mol]: 207.39

CAS: 14629-66-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	3.343		Crippen Method
rinpol	1303.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C14629664&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices