Silanamine, 1,1,1-trimethyl-N-[4-[(trimethylsilyl)oxy]phenyl]-

Other names:	4-Aminophenol, 2tms derivative
Inchi:	InChI=1S/C12H23NOSi2/c1-15(2,3)13-11-7-9-12(10-8-11)14-16(4,5)6/h7-10,13H,1-6H3
InchiKey:	AKOKOVKFSOYFHK-UHFFFAOYSA-N
Formula:	C12H23NOSi2
SMILES:	C[Si](C)(C)Nc1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	253.49
CAS:	52726-86-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.62		Crippen Method
logp	4.147		Crippen Method
rinpol	1528.10		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C52726860&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.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.chemeo.com/cid/25-006-7/Silanamine-1-1-1-trimethyl-N-4-trimethylsilyl-oxy-phenyl.pdf
Generated by Cheméo on 2024-04-28 00:57:10.952017806 +0000 UTC m=+16555079.872595122.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.