

2-(N-tert-Butyldimethylsilyl)amino-4-methylphenol

Other names: 1-tert-Butyl-N-(2-(tert-butyl(dimethyl)silyloxy)-5-methylphenyl)-1,1-dimethylsilanamine
tert-butyl dimethylsilyl ether
Inchi: InChI=1S/C19H37NO2Si2/c1-15-12-13-17(21-23(10,11)19(5,6)7)16(14-15)20-22(8,9)18(2)

InchiKey: OTCSMSRQZWQYPL-UHFFFAOYSA-N
Formula: C19H37NOSi2
SMILES: Cc1ccc(O[Si](C)(C)C(C)(C)C)c(N[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 351.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.36		Crippen Method
logp	6.796		Crippen Method
rinpol	1963.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373280&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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

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