2-Aminobiphenyl, N-(tert-butyldimethylsilyl)-

Other names: 2-Aminobiphenyl, tbdms derivative
Inchi: InChI=1S/C18H25NSi/c1-18(2,3)20(4,5)19-17-14-10-9-13-16(17)15-11-7-6-8-12-15/h6-14
InchiKey: WRPDSKBHYZOARO-UHFFFAOYSA-N
Formula: C18H25NSi
SMILES: CC(C)(C)[Si](C)(C)Nc1ccccc1-c1ccccc1
Mol. weight [g/mol]: 283.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.23		Crippen Method
logp	5.771		Crippen Method
rinpol	1936.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334008&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