

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/h6-1
InchiKey:	WRPDSKBHYZOARO-UHFFFAOYSA-N
Formula:	C18H25NSi
SMILES:	CC(C)(C)[Si](C)(C)Nc1cccc1-c1cccc1
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/ci9903071
Crippen Method:	https://www.cheméo.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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<https://www.cheméo.com/cid/73-861-5/2-Aminobiphenyl-N-tert-butyldimethylsilyl.pdf>

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