

p-Phenylenediamine, N,N'-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C18H36N2Si2/c1-17(2,3)21(7,8)19-15-11-13-16(14-12-15)20-22(9,10)18(4,5)6
InchiKey: QMRWZRLUBRJGMV-UHFFFAOYSA-N
Formula: C18H36N2Si2
SMILES: CC(C)(C)[Si](C)(C)Nc1ccc(N[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 336.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.78		Crippen Method
logp	6.521		Crippen Method
rinpol	2139.00		NIST Webbook
rinpol	2139.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374677&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

Latest version available from:

<https://www.chemeo.com/cid/117-016-4/p-Phenylenediamine-N-N-di-tert-butylidimethylsilyl.pdf>

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