1,2-Phenylenediamine, N,N'-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C18H36N2Si2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16(15)20-22(9,10)18(4,5)6

InchiKey: PXFPZSFGBIRURM-UHFFFAOYSA-N

Formula: C18H36N2Si2

SMILES: CC(C)(C)[Si](C)(C)Nc1ccccc1N[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 336.66

CAS: 171742-62-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.78		Crippen Method
logp	6.521		Crippen Method
rinpol	1992.00		NIST Webbook
rinpol	1982.00		NIST Webbook
rinpol	1992.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C171742624&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices