

p-Phenylenediamine, N,N'-di(trimethylsilyl)-

Inchi: InChI=1S/C12H24N2Si2/c1-15(2,3)13-11-7-9-12(10-8-11)14-16(4,5)6/h7-10,13-14H,1-6H
InchiKey: AJPUIVHOKJQSFX-UHFFFAOYSA-N
Formula: C₁₂H₂₄N₂Si₂
SMILES: C[Si](C)(C)Nc1ccc(N[Si](C)(C)C)cc1
Mol. weight [g/mol]: 252.50

Physical Properties

Property code	Value	Unit	Source
log10ws	0.73		Crippen Method
logp	4.180		Crippen Method
rinpol	1663.00		NIST Webbook
rinpol	1663.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374674&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

Latest version available from:

<https://www.cheméo.com/cid/117-570-9/p-Phenylenediamine-N-N-di-trimethylsilyl.pdf>

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