

1-Cyano-4-diphenyl(tert-butyl)silyloxybenzene

Inchi: InChI=1S/C23H23NOSi/c1-23(2,3)26(21-10-6-4-7-11-21,22-12-8-5-9-13-22)25-20-16-14
InchiKey: MSMFGQDWRPGJSZ-UHFFFAOYSA-N
Formula: C23H23NOSi
SMILES: CC(C)(C)[Si](Oc1ccc(C#N)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 357.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.44		Crippen Method
logp	4.497		Crippen Method
rinpol	2600.00		NIST Webbook
rinpol	2600.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307867&Units=SI>

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/30-487-8/1-Cyano-4-diphenyl-tert-butyl-silyloxybenzene.pdf>

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