

4-Cyano-1-diphenylmethylsilyloxybenzene

Inchi: InChI=1S/C20H17NOSi/c1-23(19-8-4-2-5-9-19,20-10-6-3-7-11-20)22-18-14-12-17(16-21)
InchiKey: CQCVITQTNZUVGC-UHFFFAOYSA-N
Formula: C20H17NOSi
SMILES: C[Si](Oc1ccc(C#N)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 315.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.18		Crippen Method
logp	3.327		Crippen Method
rinpol	2246.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307876&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/91-657-2/4-Cyano-1-diphenylmethylsilyloxybenzene.pdf>

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