

3,4-Dichloro-1-diphenylvinylsilyloxybenzene

Inchi: InChI=1S/C20H16Cl2OSi/c1-2-24(17-9-5-3-6-10-17,18-11-7-4-8-12-18)23-16-13-14-19(2)
InchiKey: LOBDAHXRDTLRN-UHFFFAOYSA-N
Formula: C20H16Cl2OSi
SMILES: C=C[Si](Oc1ccc(Cl)c(Cl)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 371.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.56		Crippen Method
logp	4.857		Crippen Method
rinpol	2535.00		NIST Webbook
rinpol	2535.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307859&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/80-621-3/3-4-Dichloro-1-diphenylvinylsilyloxybenzene.pdf>

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