1-Cyano-4-diphenylvinylsilyloxybenzene

Inchi: InChI=1S/C21H17NOSi/c1-2-24(20-9-5-3-6-10-20,21-11-7-4-8-12-21)23-19-15-13-18(17-
InchiKey: QWFWEJMPSKFDSN-UHFFFAOYSA-N
Formula: C21H17NOSi
SMILES: C=C[Si](Oc1ccc(C#N)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 327.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.54		Crippen Method
logp	3.422		Crippen Method
rinpol	2519.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307858&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

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