

Silane, dimethyldi(2,3-dimethylphenoxy)-

Inchi: InChI=1S/C18H24O2Si/c1-13-9-7-11-17(15(13)3)19-21(5,6)20-18-12-8-10-14(2)16(18)4/
InchiKey: CMUQZSICKXOGCC-UHFFFAOYSA-N
Formula: C18H24O2Si
SMILES: Cc1cccc(O[Si](C)(C)Oc2cccc(C)c2C)c1C
Mol. weight [g/mol]: 300.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.90		Crippen Method
logp	5.080		Crippen Method
rinpol	2043.00		NIST Webbook
rinpol	2043.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347447&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/97-616-1/Silane-dimethyldi-2-3-dimethylphenoxy.pdf>

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