

Silane, dimethyl(2-biphenyloxy)hexyloxy-

Inchi: InChI=1S/C20H28O2Si/c1-4-5-6-12-17-21-23(2,3)22-20-16-11-10-15-19(20)18-13-8-7-9-
InchiKey: DWDRTIRVGWEGOL-UHFFFAOYSA-N
Formula: C20H28O2Si
SMILES: CCCCCO[Si](C)(C)Oc1ccccc1-c1ccccc1
Mol. weight [g/mol]: 328.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.84		Crippen Method
logp	6.031		Crippen Method
rinpol	2098.00		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=U347347&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/26-832-9/Silane-dimethyl-2-biphenyloxy-hexyloxy.pdf>

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