

Silane, diphenyldi(5-methoxy-3-methylpentyloxy)-

Inchi: InChI=1S/C26H40O4Si/c1-23(15-19-27-3)17-21-29-31(25-11-7-5-8-12-25,26-13-9-6-10-14)24

InchiKey: XLJDPLZIUUVNZBC-UHFFFAOYSA-N

Formula: C₂₆H₄₀O₄Si

SMILES: COCCC(C)CCO[Si](OCCC(C)CCOC)(c1cccc1)c1cccc1

Mol. weight [g/mol]: 444.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.37		Crippen Method
logp	4.402		Crippen Method
rinpol	2708.00		NIST Webbook
rinpol	2708.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367604&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.cheméo.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.cheméo.com/cid/46-567-2/Silane-diphenyldi-5-methoxy-3-methylpentyloxy.pdf>

Generated by Cheméo on 2024-04-23 12:39:08.106589556 +0000 UTC m=+16165197.027166871.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.