

bis(Dodecyloxy)(dimethyl)silane

Inchi: InChI=1S/C26H56O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29(3,4)28-26-24-22-20-18
InchiKey: QPAZTUDFADBBFV-UHFFFAOYSA-N
Formula: C26H56O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)CCCCCCCCCCCC
Mol. weight [g/mol]: 428.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.51		Crippen Method
logp	9.563		Crippen Method
rinpol	2585.40		NIST Webbook
rinpol	2585.40		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334105&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/88-161-6/bis-Dodecyloxy-dimethyl-silane.pdf>

Generated by Cheméo on 2024-07-24 18:41:10.742894448 +0000 UTC m=+536339.989999795.

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