

Silane, diphenylheptyloxy(5-methoxy-3-methylpentylloxy)

Inchi: InChI=1S/C26H40O3Si/c1-4-5-6-7-14-21-28-30(25-15-10-8-11-16-25,26-17-12-9-13-18-2)
InchiKey: FRDOKFYLTYGVTU-UHFFFAOYSA-N
Formula: C₂₆H₄₀O₃Si
SMILES: CCCCCCO[Si](OCCC(C)CCOC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 428.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.52		Crippen Method
logp	5.309		Crippen Method
rinpol	2647.00		NIST Webbook
rinpol	2647.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367600&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

Latest version available from:

<https://www.chemeo.com/cid/41-466-9/Silane-diphenylheptyloxy-5-methoxy-3-methylpentylloxy.pdf>

Generated by Cheméo on 2024-04-20 03:55:43.200711296 +0000 UTC m=+15874592.121288607.

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