

Silane, diphenylheptyloxy(4-heptyloxy)-

Inchi: InChI=1S/C26H40O2Si/c1-4-7-8-9-16-23-27-29(25-19-12-10-13-20-25,26-21-14-11-15-2)
InchiKey: AWDVWWUCUMXTDH-UHFFFAOYSA-N
Formula: C26H40O2Si
SMILES: CCCCCCO[Si](OC(CCC)CCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 412.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.79		Crippen Method
logp	6.215		Crippen Method
rinpol	2432.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367503&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/65-042-3/Silane-diphenylheptyloxy-4-heptyloxy.pdf>

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