

Silane, diphenylbutoxy(3-methylpentyloxy)-

Inchi: InChI=1S/C22H32O2Si/c1-4-6-18-23-25(21-13-9-7-10-14-21,22-15-11-8-12-16-22)24-19
InchiKey: WEFFDZSMULJUOC-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCCCO[Si](OCCC(C)CC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 356.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.76		Crippen Method
logp	4.513		Crippen Method
rinsol	2186.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367781&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/25-764-6/Silane-diphenylbutoxy-3-methylpentyloxy.pdf>

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