

Silane, methylvinyl(isobutoxy)hexadecyloxy-

Inchi: InChI=1S/C23H48O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-20-21-24-26(5,7-2)25-2
InchiKey: BSONGYSPJFNLIZ-UHFFFAOYSA-N
Formula: C23H48O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCC)OCC(C)C
Mol. weight [g/mol]: 384.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.96		Crippen Method
logp	7.954		Crippen Method
rinpol	2373.00		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=U416409&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/99-009-3/Silane-methylvinyl-isobutoxy-hexadecyloxy.pdf>

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