

Silane, methylvinyl(isobutoxy)(methylvinyltridecyloxy)silyloxy

Inchi: InChI=1S/C23H48O3Si2/c1-8-11-12-13-14-15-16-17-18-19-20-21-24-27(6,9-2)26-28(7,10)
InchiKey: INRBNUIUHBYVCK-UHFFFAOYSA-N
Formula: C₂₃H₄₈O₃Si₂
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)O[Si](C)(C=C)OCC(C)C
Mol. weight [g/mol]: 428.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.62		Crippen Method
logp	7.598		Crippen Method
rinpol	2291.00		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=U416422&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/112-943-0/Silane-methylvinyl-isobutoxy-methylvinyltridecyloxy.pdf>

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