

Silane, methylvinyl(isobutoxy)(methylvinyltetradecyloxy)silyloxy

Inchi: InChI=1S/C24H50O3Si2/c1-8-11-12-13-14-15-16-17-18-19-20-21-22-25-28(6,9-2)27-29(2,3,4,5,7,10)
InchiKey: AJZATMVKSJDICY-UHFFFAOYSA-N
Formula: C₂₄H₅₀O₃Si₂
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)O[Si](C)(C=C)OCC(C)C
Mol. weight [g/mol]: 442.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.04		Crippen Method
logp	7.988		Crippen Method
rinpol	2386.00		NIST Webbook
rinpol	2386.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416423&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/121-124-9/Silane-methylvinyl-isobutoxy-methylvinyltetradecyloxy.pdf>

Generated by Cheméo on 2024-04-30 22:59:07.871311481 +0000 UTC m=+16807196.791888792.

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