

Silane, dimethyl(4-methoxyphenoxy)dodecyloxy-

Inchi: InChI=1S/C21H38O3Si/c1-5-6-7-8-9-10-11-12-13-14-19-23-25(3,4)24-21-17-15-20(22-2)
InchiKey: VF KPDMVSVK FPGQ-UHFFFAOYSA-N
Formula: C₂₁H₃₈O₃Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)Oc1ccc(OC)cc1
Mol. weight [g/mol]: 366.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	6.713		Crippen Method
rinpol	2373.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347150&Units=SI>

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/21-978-3/Silane-dimethyl-4-methoxyphenoxy-dodecyloxy.pdf>

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