

Silane, dimethyl(3-ethylphenoxy)tetradecyloxy-

Inchi: InChI=1S/C24H44O2Si/c1-5-7-8-9-10-11-12-13-14-15-16-17-21-25-27(3,4)26-24-20-18-1
InchiKey: HXCZNAYYYMIQIV-UHFFFAOYSA-N
Formula: C24H44O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)Oc1cccc(CC)c1
Mol. weight [g/mol]: 392.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.39		Crippen Method
logp	8.047		Crippen Method
rinpol	2488.00		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=U347471&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/12-878-4/Silane-dimethyl-3-ethylphenoxy-tetradecyloxy.pdf>

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