

Silane, diethyl(4-acetylphenoxy)dodecyloxy-

Inchi: InChI=1S/C24H42O3Si/c1-5-8-9-10-11-12-13-14-15-16-21-26-28(6-2,7-3)27-24-19-17-23
InchiKey: PLJQKOZAODPAS-UHFFFAOYSA-N
Formula: C24H42O3Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1ccc(C(C)=O)cc1
Mol. weight [g/mol]: 406.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.25		Crippen Method
logp	7.688		Crippen Method
rinpol	2759.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363256&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/16-560-2/Silane-diethyl-4-acetylphenoxy-dodecyloxy.pdf>

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