

Silane, diethyl(2-bromo-4-fluorophenoxy)tetradecyloxy-

Inchi: InChI=1S/C24H42BrFO2Si/c1-4-7-8-9-10-11-12-13-14-15-16-17-20-27-29(5-2,6-3)28-24
InchiKey: HMHPZBZPWUCEGB-UHFFFAOYSA-N
Formula: C24H42BrFO2Si
SMILES: CCCCCCCCCCCCCO[Si](CC)(CC)Oc1ccc(F)cc1Br
Mol. weight [g/mol]: 489.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.92		Crippen Method
logp	9.167		Crippen Method
rinpol	2747.00		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=U363185&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/84-091-8/Silane-diethyl-2-bromo-4-fluorophenoxy-tetradecyloxy.pdf>

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