

Silane, diphenyldecyloxy(2,2,3,3-tetrafluoropoxy)-

Inchi: InChI=1S/C25H34F4O2Si/c1-2-3-4-5-6-7-8-15-20-30-32(22-16-11-9-12-17-22,23-18-13-14)/1-2
InchiKey: IWJMLEODNVUPQL-UHFFFAOYSA-N
Formula: C25H34F4O2Si
SMILES: CCCCCCCCCO[Si](OCC(F)(F)C(F)F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 470.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.89		Crippen Method
logp	6.317		Crippen Method
rinpol	2441.00		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=U368107&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/28-106-3/Silane-diphenyldecyloxy-2-2-3-3-tetrafluoropoxy.pdf>

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