Silane, dimethyl(pentafluorobenzyloxy)dodecyloxy-

Inchi: InChI=1S/C21H33F5O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-27-29(2,3)28-15-16-17(22)19(2

InchiKey: SUROQJNGHWHBDW-UHFFFAOYSA-N

Formula: C21H33F5O2Si

SMILES: CCCCCCCCCCCCO[Si](C)(C)OCc1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 440.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.68		Crippen Method
logp	7.538		Crippen Method
rinpol	2117.00		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=U347268&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/45-395-4/Silane-dimethyl-pentafluorobenzyloxy-dodecyloxy.pdf
Generated by Cheméo on 2025-12-05 19:24:26.048514076 +0000 UTC m=+4710863.578554729.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.