

Silane, dimethyl(dimethyl(3-fluorophenoxy)silyloxy)octyl

Inchi: InChI=1S/C18H33FO3Si2/c1-6-7-8-9-10-11-15-20-23(2,3)22-24(4,5)21-18-14-12-13-17(1)
InchiKey: KJIXALGKRQDLLZ-UHFFFAOYSA-N
Formula: C18H33FO3Si2
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(F)c1
Mol. weight [g/mol]: 372.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.97		Crippen Method
logp	6.002		Crippen Method
rinpol	1873.00		NIST Webbook
rinpol	1873.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347395&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/73-828-2/Silane-dimethyl-dimethyl-3-fluorophenoxy-silyloxy-octyloxy.pdf>

Generated by Cheméo on 2024-04-26 10:08:49.142610193 +0000 UTC m=+16415378.063187508.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.