Silane, dimethyl(2,6-dimethoxyphenoxy)octyloxy-

Inchi: InChI=1S/C18H32O4Si/c1-6-7-8-9-10-11-15-21-23(4,5)22-18-16(19-2)13-12-14-17(18)20

InchiKey: ONZJSSXAMUQOGK-UHFFFAOYSA-N

Formula: C18H32O4Si

SMILES: CCCCCCCCO[Si](C)(C)Oc1c(OC)cccc1OC

Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.32		Crippen Method
logp	5.162		Crippen Method
rinpol	2092.00		NIST Webbook
rinpol	2092.00		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=U347130&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/97-405-5/Silane-dimethyl-2-6-dimethoxyphenoxy-octyloxy.pdf

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