

Silane, dimethyl(4-methoxyphenoxy)nonyloxy-

Inchi: InChI=1S/C18H32O3Si/c1-5-6-7-8-9-10-11-16-20-22(3,4)21-18-14-12-17(19-2)13-15-18/
InchiKey: UXIKMQIMBDIBGU-UHFFFAOYSA-N
Formula: C18H32O3Si
SMILES: CCCCCCCCCO[Si](C)(C)Oc1ccc(OC)cc1
Mol. weight [g/mol]: 324.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.62		Crippen Method
logp	5.543		Crippen Method
rinpol	2085.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347147&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/39-442-8/Silane-dimethyl-4-methoxyphenoxy-nonyloxy.pdf>

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