

Silane, diethyl(3,5-dimethylphenoxy)octyloxy-

Inchi: InChI=1S/C20H36O2Si/c1-6-9-10-11-12-13-14-21-23(7-2,8-3)22-20-16-18(4)15-19(5)17-
InchiKey: NKKMEWXLKXDDLCL-UHFFFAOYSA-N
Formula: C20H36O2Si
SMILES: CCCCCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1
Mol. weight [g/mol]: 336.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.87		Crippen Method
logp	6.541		Crippen Method
rinpol	2056.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363367&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/63-595-2/Silane-diethyl-3-5-dimethylphenoxy-octyloxy.pdf>

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