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

Inchi: InChI=1S/C19H34O2Si/c1-6-9-10-11-12-13-20-22(7-2,8-3)21-19-15-17(4)14-18(5)16-19/

InchiKey: VEKVGIOSOIWXBQ-UHFFFAOYSA-N

Formula: C19H34O2Si

SMILES: CCCCCCCO[Si](CC)(CC)Oc1cc(C)cc(C)c1

Mol. weight [g/mol]: 322.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.45		Crippen Method
logp	6.151		Crippen Method
rinpol	1959.00		NIST Webbook
rinpol	1959.00		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=U363366&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/24-253-4/Silane-diethyl-3-5-dimethylphenoxy-heptyloxy.pdf

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