Silane, diethylheptyloxy(1-phenylpropoxy)-

Inchi: InChI=1S/C20H36O2Si/c1-5-9-10-11-15-18-21-23(7-3,8-4)22-20(6-2)19-16-13-12-14-17-

InchiKey: HJGPRFIKEVZTRA-UHFFFAOYSA-N

Formula: C20H36O2Si

SMILES: CCCCCCCO[Si](CC)(CC)OC(CC)c1ccccc1

Mol. weight [g/mol]: 336.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.56		Crippen Method
logp	6.623		Crippen Method
rinpol	1976.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363268&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