

Silane, diethyldodecyloxy(4-nitrophenoxy)-

Inchi: InChI=1S/C22H39NO4Si/c1-4-7-8-9-10-11-12-13-14-15-20-26-28(5-2,6-3)27-22-18-16-2
InchiKey: UWMDQFMCLJWLBD-UHFFFAOYSA-N
Formula: C22H39NO4Si
SMILES: CCCCCCCCCCO[Si](CC)(CC)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 409.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.24		Crippen Method
logp	7.393		Crippen Method
rinpol	2819.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363794&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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