Silane, diethyl(3-nitrophenoxy)undecyloxy-

Inchi: InChI=1S/C21H37NO4Si/c1-4-7-8-9-10-11-12-13-14-18-25-27(5-2,6-3)26-21-17-15-16-2
InchiKey: VZUQZOVTJTUVPC-UHFFFAOYSA-N
Formula: C21H37NO4Si
SMILES: CCCCCCCCCCCO[Si](CC)(CC)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 395.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.82		Crippen Method
logp	7.003		Crippen Method
rinpol	2629.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363233&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