Silane, dimethyl(4-nitrophenoxy)pentyloxy-

Inchi: InChI=1S/C13H21NO4Si/c1-4-5-6-11-17-19(2,3)18-13-9-7-12(8-10-13)14(15)16/h7-10H,
InchiKey: UTFZUXQBAFBQDO-UHFFFAOYSA-N
Formula: C13H21NO4Si
SMILES: CCCCCO[Si](C)(C)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 283.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	3.882		Crippen Method
rinpol	1932.00		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=U347160&Units=SI

Legend

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