

Silane, diethyldecyloxy(4-nitrophenoxy)-

Inchi: InChI=1S/C20H35NO4Si/c1-4-7-8-9-10-11-12-13-18-24-26(5-2,6-3)25-20-16-14-19(15-1
InchiKey: IYVMGQOGBQWBH-UHFFFAOYSA-N
Formula: C20H35NO4Si
SMILES: CCCCCCCCCO[Si](CC)(CC)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 381.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.40		Crippen Method
logp	6.613		Crippen Method
rinpol	2617.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363792&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/41-636-0/Silane-diethyldecyloxy-4-nitrophenoxy.pdf>

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