

4-Nitro-1-tripropylsilyloxybenzene

Inchi: InChI=1S/C15H25NO3Si/c1-4-11-20(12-5-2,13-6-3)19-15-9-7-14(8-10-15)16(17)18/h7-10
InchiKey: MJUYLBJZPIUSHX-UHFFFAOYSA-N
Formula: C15H25NO3Si
SMILES: CCC[Si](CCC)(CCC)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 295.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.64		Crippen Method
logp	5.149		Crippen Method
rinpol	2042.00		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=U307846&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

Latest version available from:

<https://www.chemeo.com/cid/18-407-0/4-Nitro-1-tripropylsilyloxybenzene.pdf>

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