

4-Nitro-1-trihexylsilyloxybenzene

Inchi: InChI=1S/C24H43NO3Si/c1-4-7-10-13-20-29(21-14-11-8-5-2,22-15-12-9-6-3)28-24-18-1
InchiKey: RUOUYXNYSCYWET-UHFFFAOYSA-N
Formula: C24H43NO3Si
SMILES: CCCCC[Si](CCCCC)(CCCCC)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 421.69

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.41		Crippen Method
logp	8.660		Crippen Method
rinpol	2814.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307893&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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<https://www.chemeo.com/cid/36-324-2/4-Nitro-1-trihexylsilyloxybenzene.pdf>

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