

4-Nitro-1-triisobutylsilyloxybenzene

Inchi: InChI=1S/C18H31NO3Si/c1-14(2)11-23(12-15(3)4,13-16(5)6)22-18-9-7-17(8-10-18)19(20)
InchiKey: LNGZHORHHSXMET-UHFFFAOYSA-N
Formula: C18H31NO3Si
SMILES: CC(C)C[Si](CC(C)C)(CC(C)C)Oc1ccc([N+](=O)[O-])cc1
Mol. weight [g/mol]: 337.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.17		Crippen Method
logp	5.887		Crippen Method
rinpol	2174.00		NIST Webbook
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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=U307960&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/118-755-3/4-Nitro-1-triisobutylsilyloxybenzene.pdf>

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