

1,7-Di(3-nitrophenyl)-2,2,4,4,6,6-hexamethyl-1,3,5,

Inchi: InChI=1S/C18H26N2O8Si3/c1-29(2,25-17-11-7-9-15(13-17)19(21)22)27-31(5,6)28-30(3,
InchiKey: HVYFVWJBNNDVHO-UHFFFAOYSA-N
Formula: C18H26N2O8Si3
SMILES: C[Si](C)(Oc1cccc([N+](=O)[O-])c1)O[Si](C)(C)O[Si](C)(C)Oc1cccc([N+](=O)[O-])c1
Mol. weight [g/mol]: 482.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.41		Crippen Method
logp	5.099		Crippen Method
rinpol	2756.00		NIST Webbook
rinpol	2756.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347421&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/19-568-1/1-7-Di-3-nitrophenyl-2-2-4-4-6-6-hexamethyl-1-3-5-7-tetraoxa-2-4-6-trisilahept>

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