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.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices