

Silane, trimethyl-1-naphthalenyl-

Other names:	Silane, trimethyl-1-naphthyl- Trimethyl-1-naphthylsilane 1-(Trimethylsilyl)naphthalene Trimethyl-1-naphthosilane
Inchi:	InChI=1S/C13H16Si/c1-14(2,3)13-10-6-8-11-7-4-5-9-12(11)13/h4-10H,1-3H3
InchiKey:	KIXIRVPOOYJMDA-UHFFFAOYSA-N
Formula:	C13H16Si
SMILES:	C[Si](C)(C)c1cccc2ccccc12
Mol. weight [g/mol]:	200.35
CAS:	18052-80-7

Physical Properties

Property code	Value	Unit	Source
ie	8.03	eV	NIST Webbook
log10ws	-5.94		Crippen Method
logp	3.385		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18052807&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/48-700-1/Silane-trimethyl-1-naphthalenyl.pdf>

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