

Silane, trimethyl(1-naphthalenyloxy)-

Other names:	Silane, trimethyl(1-naphthyloxy)- 1-(Trimethylsiloxy)naphthalene 1-Naphthyl trimethylsilyl ether 1-Naphthalenol, TMS ether 1-Naphthalenol, tms derivative
Inchi:	InChI=1S/C13H16OSi/c1-15(2,3)14-13-10-6-8-11-7-4-5-9-12(11)13/h4-10H,1-3H3
InchiKey:	YDJRVQVCDFEELI-UHFFFAOYSA-N
Formula:	C13H16OSi
SMILES:	C[Si](C)(C)Oc1cccc2ccccc12
Mol. weight [g/mol]:	216.35
CAS:	6202-48-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	4.053		Crippen Method
rinpol	1517.00		NIST Webbook
rinpol	1517.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C6202488&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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