

Silane, trimethyl[(phenylthio)methyl]-

Other names:	(Phenylthiomethyl)trimethylsilane Trimethyl(phenylthio)methylsilane
Inchi:	InChI=1S/C10H16SSi/c1-12(2,3)9-11-10-7-5-4-6-8-10/h4-8H,9H2,1-3H3
InchiKey:	UOQDIMYVQSHALM-UHFFFAOYSA-N
Formula:	C10H16SSi
SMILES:	C[Si](C)(C)CSc1ccccc1
Mol. weight [g/mol]:	196.38
CAS:	17873-08-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	3.656		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17873084&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/85-552-5/Silane-trimethyl-phenylthio-methyl.pdf>

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