

Allyloxytrimethylsilane

Other names:	Allyl trimethylsilyl ether
	O-Trimethylsilylallyl alcohol
	Silane, trimethyl(2-propenyloxy)-
	Silane, (allyloxy)trimethyl-
	1-Trimethylsiloxy-2-propene
	Trimethylallyloxysilane
	1-Trimethylsilyloxy-2-propene
	Allyl alcohol, trimethylsilyl ether
Inchi:	InChI=1S/C6H14OSi/c1-5-6-7-8(2,3)4/h5H,1,6H2,2-4H3
InchiKey:	MNMVKGDEKPPREK-UHFFFAOYSA-N
Formula:	C6H14OSi
SMILES:	C=CCO[Si](C)(C)C
Mol. weight [g/mol]:	130.26
CAS:	18146-00-4

Physical Properties

Property code	Value	Unit	Source
log10ws	0.67		Crippen Method
logp	2.024		Crippen Method
rinpol	708.50		NIST Webbook
tb	373.00	K	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18146004&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
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logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices
tb: Normal Boiling Point Temperature

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