

Allyloxy-t-butyldimethylsilane

Other names:	Allyl alcohol, tert-butyldimethylsilyl ether
Inchi:	InChI=1S/C9H20OSi/c1-7-8-10-11(5,6)9(2,3)4/h7H,1,8H2,2-6H3
InchiKey:	DHWVPYLVNAKSEU-UHFFFAOYSA-N
Formula:	C9H20OSi
SMILES:	C=CCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	172.34
CAS:	85807-85-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	3.194		Crippen Method
rinpol	926.10		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C85807858&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

Latest version available from:

<https://www.chemeo.com/cid/65-684-1/Allyloxy-t-butyldimethylsilane.pdf>

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