

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

Physical Properties

Property code	Value	Unit	Source
logp	3.194		Crippen Method
rinpol	926.10		NIST Webbook
tb	431.49	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

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

Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tb: Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/65-684-1/ALLYLOXY-T-BUTYLDIMETHYLSILANE.pdf>

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