

Silane, (2-ethylbutoxy)trimethyl-

Other names:	2-Ethyl-1-butanol, trimethylsilyl ether 2-Ethyl-1-butanol, tms derivative
Inchi:	InChI=1S/C9H22OSi/c1-6-9(7-2)8-10-11(3,4)5/h9H,6-8H2,1-5H3
InchiKey:	VNBANJWOJZUFPL-UHFFFAOYSA-N
Formula:	C9H22OSi
SMILES:	CCC(CC)CO[Si](C)(C)C
Mol. weight [g/mol]:	174.36
CAS:	17888-61-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.49		Crippen Method
logp	3.274		Crippen Method
rinpol	933.30		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17888618&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/55-227-9/Silane-2-ethylbutoxy-trimethyl.pdf>

Generated by Cheméo on 2024-04-30 22:50:39.499420131 +0000 UTC m=+16806688.419997443.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.