

tert-Butyl-(2-ethoxyethoxy)dimethylsilane

Other names:	2-Ethoxyethanol, tert-butyldimethylsilyl ether 2-Ethoxyethanol, tbdms derivative
Inchi:	InChI=1S/C10H24O2Si/c1-7-11-8-9-12-13(5,6)10(2,3)4/h7-9H2,1-6H3
InchiKey:	SNAYDYWGJAKRPU-UHFFFAOYSA-N
Formula:	C10H24O2Si
SMILES:	CCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	204.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.23		Crippen Method
logp	3.045		Crippen Method
rinpol	1092.30		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352136&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

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<https://www.chemeo.com/cid/45-343-1/tert-Butyl-2-ethoxyethoxy-dimethylsilane.pdf>

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