

tert-Butyl-(2-butoxyethoxy)dimethylsilane

Inchi:	InChI=1S/C12H28O2Si/c1-7-8-9-13-10-11-14-15(5,6)12(2,3)4/h7-11H2,1-6H3
InchiKey:	BVOTUXRXNUSQLN-UHFFFAOYSA-N
Formula:	C12H28O2Si
SMILES:	CCCCOCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	232.44
CAS:	193811-78-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	3.825		Crippen Method
rinpol	1272.20		NIST Webbook
rinpol	1279.50		NIST Webbook
rinpol	1272.20		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C193811788&Units=SI

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/83-566-2/tert-Butyl-2-butoxyethoxy-dimethylsilane.pdf>

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