

Dibutoxy(dimethyl)silane

Other names:	Dibutyloxydimethylsilane
Inchi:	InChI=1S/C10H24O2Si/c1-5-7-9-11-13(3,4)12-10-8-6-2/h5-10H2,1-4H3
InchiKey:	GQNWJCQWBFHQAO-UHFFFAOYSA-N
Formula:	C10H24O2Si
SMILES:	CCCCO[Si](C)(C)OCCCC
Mol. weight [g/mol]:	204.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.82		Crippen Method
logp	3.322		Crippen Method
rinpola	1024.00		NIST Webbook
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rinpola	1024.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U334082&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
rinpola:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/93-295-2/Dibutoxy-dimethyl-silane.pdf>

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