

Diethoxydiethylsilane

Other names:	Diethyldiethoxysilane Silane, diethoxydiethyl-
Inchi:	InChI=1S/C8H20O2Si/c1-5-9-11(7-3,8-4)10-6-2/h5-8H2,1-4H3
InchiKey:	ZMAPKOCENOWQRE-UHFFFAOYSA-N
Formula:	C8H20O2Si
SMILES:	CCO[Si](CC)(CC)OCC
Mol. weight [g/mol]:	176.33
CAS:	5021-93-2

Physical Properties

Property code	Value	Unit	Source
log10ws	0.02		Crippen Method
logp	2.541		Crippen Method
rinpol	878.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5021932&Units=SI

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/20-861-3/Diethoxydiethylsilane.pdf>

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