

Ethylene glycol, bis-DMPFPS

Inchi:	InChI=1S/C18H16F10O2Si2/c1-31(2,17-13(25)9(21)7(19)10(22)14(17)26)29-5-6-30-32(3
InchiKey:	QXNCZSMPBQVIFQ-UHFFFAOYSA-N
Formula:	C18H16F10O2Si2
SMILES:	C[Si](C)(OCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	510.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.11		Crippen Method
logp	4.635		Crippen Method
rinpol	1840.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R102588&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/97-368-7/Ethylene-glycol-bis-DMPFPS.pdf>

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