

Disiloxane, bis-DMPFPS

Inchi:	InChI=1S/C20H24F10O3Si4/c1-34(2,19-15(27)11(23)9(21)12(24)16(19)28)31-36(5,6)33
InchiKey:	QNKZWQJCCIKJHA-UHFFFAOYSA-N
Formula:	C20H24F10O3Si4
SMILES:	C[Si](C)(O[Si](C)(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]:	614.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.30		Crippen Method
logp	6.055		Crippen Method
rinpol	1570.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R102533&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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

Latest version available from:

<https://www.chemeo.com/cid/72-644-7/Disiloxane-bis-DMPFPS.pdf>

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