1h,1h,2h,2h-Perfluorodecylmethyldichlorosilane

Inchi:	InChI=1S/C11H7Cl2F17Si/c1-31(12,13)3-2-4(14,15)5(16,17)6(18,19)7(20,21)8(22,23)9(2
InchiKey:	PVBMWIXRKLGXPI-UHFFFAOYSA-N
Formula:	C11H7Cl2F17Si
SMILES:	C[Si](Cl)(Cl)CCC(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)C(F)(F)F
Mol. weight [g/mol]:	561.14
CAS:	3102-79-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.23		Crippen Method
logp	7.936		Crippen Method
tb	479.00 ± 1.00	K	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=C3102792&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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