Octanoic acid, 2-oxo, O-pentafluorobenzyloxime, TMS

Inchi: InChI=1S/C18H24F5NO3Si/c1-5-6-7-8-9-12(18(25)27-28(2,3)4)24-26-10-11-13(19)15(21

InchiKey: TWUWJVJBGARBPJ-WYMPLXKRSA-N

Formula: C18H24F5NO3Si

SMILES: CCCCCCC(=NOCc1c(F)c(F)c(F)c(F)c1F)C(=O)O[Si](C)(C)C

Mol. weight [g/mol]: 425.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	5.603		Crippen Method
rinpol	1837.00		NIST Webbook
rinpol	1837.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R315487&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices