

Succinic semialdehyde, O-pentafluorobenzoyloxime, TMS

Inchi: InChI=1S/C14H16F5NO3Si/c1-24(2,3)23-9(21)5-4-6-20-22-7-8-10(15)12(17)14(19)13(18)
InchiKey: UZDHPYIACHINDB-CGOBSMCZSA-N
Formula: C14H16F5NO3Si
SMILES: C[Si](C)(C)OC(=O)CCC=NOCc1c(F)c(F)c(F)c(F)c1F
Mol. weight [g/mol]: 369.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.09		Crippen Method
logp	4.043		Crippen Method
rinpol	1674.00		NIST Webbook
rinpol	1674.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R315521&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/125-065-1/Succinic-semialdehyde-O-pentafluorobenzoyloxime-TMS.pdf>

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