

Hexanol, dimethylpentafluorophenylsilyl ether

Other names: Silane, dimethyl(hexyloxy)(pentafluorophenyl)-
Hexanol, dimethylpentafluorophenylsilyl ether
1-Hexanol, FP

Inchi: InChI=1S/C14H19F5OSi/c1-4-5-6-7-8-20-21(2,3)14-12(18)10(16)9(15)11(17)13(14)19/h4

InchiKey: DQIZQAAWFHIKDJ-UHFFFAOYSA-N

Formula: C14H19F5OSi

SMILES: CCCCCCO[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F

Mol. weight [g/mol]: 326.38

Physical Properties

Property code	Value	Unit	Source
logp	4.391		Crippen Method
pc	1576.76	kPa	Cheméo Relay (1.0, beta)
rinpol	1461.00		NIST Webbook
rinpol	1461.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C73000052&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

logp: Octanol/Water partition coefficient

pc: Critical Pressure

rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/121-877-4/Hexanol-dimethylpentafluorophenylsilyl-ether.pdf>

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