

3-Furoic acid, dimethyl(3,3,3-trifluoropropyl)silyl ester

Inchi: InChI=1S/C10H13F3O3Si/c1-17(2,6-4-10(11,12)13)16-9(14)8-3-5-15-7-8/h3,5,7H,4,6H2,
InchiKey: AVPFYGFAIXSZHI-UHFFFAOYSA-N
Formula: C10H13F3O3Si
SMILES: C[Si](C)(CCC(F)(F)F)OC(=O)c1ccoc1
Mol. weight [g/mol]: 266.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	3.594		Crippen Method
rinpol	1210.00		NIST Webbook
rinpol	1210.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375497&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/115-711-4/3-Furoic-acid-dimethyl-3-3-3-trifluoropropyl-silyl-ester.pdf>

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