

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

Inchi: InChI=1S/C10H17F3O2Si/c1-8(2)7-9(14)15-16(3,4)6-5-10(11,12)13/h7H,5-6H2,1-4H3
InchiKey: DXLLHCKPEIVNIP-UHFFFAOYSA-N
Formula: C10H17F3O2Si
SMILES: CC(C)=CC(=O)O[Si](C)(C)CC(F)(F)F
Mol. weight [g/mol]: 254.32

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.44		Crippen Method
logp	3.653		Crippen Method
rinpol	1135.00		NIST Webbook
rinpol	1135.00		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=U375500&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/59-315-7/3-3-Dimethylacrylic-acid-dimethyl-3-3-3-trifluoropropyl-silyl-ester.pdf>

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