

3,3-Dimethylacrylic acid, (3-cyanopropyl)dimethylsilyl ester

Inchi: InChI=1S/C11H19NO2Si/c1-10(2)9-11(13)14-15(3,4)8-6-5-7-12/h9H,5-6,8H2,1-4H3
InchiKey: AHBOXDFNWFTXHC-UHFFFAOYSA-N
Formula: C11H19NO2Si
SMILES: CC(C)=CC(=O)O[Si](C)(C)CCCC#N
Mol. weight [g/mol]: 225.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	3.005		Crippen Method
rinpol	1542.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375499&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

Latest version available from:

<https://www.chemeo.com/cid/38-493-3/3-3-Dimethylacrylic-acid-3-cyanopropyl-dimethylsilyl-ester.pdf>

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