

Butyric acid, (3-cyanopropyl)dimethylsilyl ester

Inchi: InChI=1S/C10H19NO2Si/c1-4-7-10(12)13-14(2,3)9-6-5-8-11/h4-7,9H2,1-3H3
InchiKey: ABWFPBUCZNKSEJ-UHFFFAOYSA-N
Formula: C10H19NO2Si
SMILES: CCCC(=O)O[Si](C)(C)CCCC#N
Mol. weight [g/mol]: 213.35

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.79		Crippen Method
logp	2.839		Crippen Method
rinpol	1418.00		NIST Webbook
rinpol	1418.00		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=U375599&Units=SI>

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/90-987-7/Butyric-acid-3-cyanopropyl-dimethylsilyl-ester.pdf>

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