

4-Methylvaleric acid, bromomethyl dimethylsilyl ether

Inchi: InChI=1S/C9H19BrO2Si/c1-8(2)5-6-9(11)12-13(3,4)7-10/h8H,5-7H2,1-4H3
InchiKey: AHGQBCRAEYNXNK-UHFFFAOYSA-N
Formula: C9H19BrO2Si
SMILES: CC(C)CCC(=O)O[Si](C)(C)CBr
Mol. weight [g/mol]: 267.24

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.78		Crippen Method
logp	3.105		Crippen Method
rinpol	1329.00		NIST Webbook
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Sources

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375586&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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.cheméo.com/cid/119-369-1/4-Methylvaleric-acid-bromomethyl-dimethylsilyl-ether.pdf>

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