

(Trimethylsilyl)methyl butyrate

Inchi: InChI=1S/C8H18O2Si/c1-5-6-8(9)10-7-11(2,3)4/h5-7H2,1-4H3
InchiKey: SKAHYVWSVGUELN-UHFFFAOYSA-N
Formula: C8H18O2Si
SMILES: CCCC(=O)OC[Si](C)(C)C
Mol. weight [g/mol]: 174.31

Physical Properties

Property code	Value	Unit	Source
log10ws	0.41		Crippen Method
logp	2.207		Crippen Method
rinpol	1025.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333739&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.cheméo.com/cid/32-903-3/Trimethylsilyl-methyl-butyrate.pdf>

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