

cyclobutanecarboxylic acid, trimethylsilyl ester

Other names:	trimethylsilyl cyclobutanecarboxylate Cyclobutanecarboxylic acid, TMS
Inchi:	InChI=1S/C8H16O2Si/c1-11(2,3)10-8(9)7-5-4-6-7/h7H,4-6H2,1-3H3
InchiKey:	BEEWAPHKDOACBB-UHFFFAOYSA-N
Formula:	C8H16O2Si
SMILES:	C[Si](C)(C)OC(=O)C1CCC1
Mol. weight [g/mol]:	172.30

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	2.165		Crippen Method
rinpol	1009.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U404641&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/98-776-3/cyclobutanecarboxylic-acid-trimethylsilyl-ester.pdf>

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