

tert-Butyldimethylsilyl 2-cyclohexylacetate

Other names:	5292-21-7, BDMS Cyclohexaneacetic acid, TBDMS
Inchi:	InChI=1S/C14H28O2Si/c1-14(2,3)17(4,5)16-13(15)11-12-9-7-6-8-10-12/h12H,6-11H2,1-5H3
InchiKey:	WAZGOSZERCGJOV-UHFFFAOYSA-N
Formula:	C14H28O2Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CC1CCCCC1
Mol. weight [g/mol]:	256.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.25		Crippen Method
logp	4.505		Crippen Method
rinpol	1528.00		NIST Webbook
rinpol	1528.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U385832&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.chemeo.com/cid/125-127-2/tert-Butyldimethylsilyl-2-cyclohexylacetate.pdf>

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