

# 3,5-Bis(tert-butyl dimethylsilyloxy)-4-(cyclopropyl)hydroxymethyl cyclohexanecarboxylic acid, ethyl ester

Other names:

Cimectacarb, 2BDMS

InChI:

InChI=1S/C25H44O5Si2/c1-12-28-23(27)18-15-19(29-31(8,9)24(2,3)4)21(22(26)17-13-14)

InchiKey:

UMIZIPYYPICNBR-DQRAZIAOSA-N

Formula:

C<sub>25</sub>H<sub>44</sub>O<sub>5</sub>Si<sub>2</sub>

SMILES:

CCOC(=O)C1C=C(O[Si](C)(C)C(C)(C)C)C(=C(O)C2CC2)C(O[Si](C)(C)C(C)(C)C)=C1

Mol. weight [g/mol]:

480.78

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.10		Crippen Method
logp	7.213		Crippen Method
rinpol	2499.00		NIST Webbook

## Sources

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U373330&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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