

# «gamma»-Methylglutamic acid, ethoxycarbonylated, TBDMS

Other names:	Glutamic acid, ethoxycarbonylated, TBDMS
Inchi:	InChI=1S/C20H41NO6Si2/c1-12-25-18(24)21-15(17(23)27-29(10,11)20(5,6)7)13-14-16(2
InchiKey:	ZQZANSNYPSPC-UHFFFAOYSA-N
Formula:	C20H41NO6Si2
SMILES:	CCOC(=O)NC(CCC(=O)O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	447.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.16		Crippen Method
logp	4.978		Crippen Method
rinpole	2292.00		NIST Webbook
rinpole	2271.00		NIST Webbook
rinpole	2292.00		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R562826&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R562826&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpole:	Non-polar retention indices

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<https://www.chemeo.com/cid/13-310-2/gamma-Methylglutamic-acid-ethoxycarbonylated-TBDMS.pdf>

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