

GA23, MeTMS

Other names: GA23 methyl ester TMS ether
GA23, methyl ester TMS

Inchi: InChI=1S/C28H46O7Si2/c1-18-15-27-16-28(18,35-37(8,9)10)14-11-19(27)26(17-29)13-1

InchiKey: RELLIHVKMBKESD-HAPQKMSISA-N

Formula: C28H46O7Si2

SMILES: C=C1CC23CC1(O[Si](C)(C)C)CCC2C1(C=O)CCC(O[Si](C)(C)C)C(C)(C(=O)OC)C1C3C

Mol. weight [g/mol]: 550.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	5.121		Crippen Method
rinpol	2741.00		NIST Webbook
rinpol	2741.00		NIST Webbook
rinpol	2747.00		NIST Webbook
rinpol	2738.00		NIST Webbook
rinpol	2747.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R79337&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/25-693-5/GA23-MeTMS.pdf>

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