

GA61, MeTMS

Inchi: InChI=1S/C23H34O5Si/c1-13-11-22-12-14(13)7-8-15(22)23-16(28-29(4,5)6)9-10-21(2,20)
InchiKey: TWGBDXZOQBGSNX-CIDOZKHUSA-N
Formula: C23H34O5Si
SMILES: C=C1CC23CC1CCC2C12OC(=O)C(C)(CCC1O[Si](C)(C)C)C2C3C(=O)OC
Mol. weight [g/mol]: 418.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.41		Crippen Method
logp	4.084		Crippen Method
rinpol	2405.00		NIST Webbook
rinpol	2402.00		NIST Webbook
rinpol	2404.00		NIST Webbook
rinpol	2405.00		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=R79761&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/58-780-2/GA61-MeTMS.pdf>

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