

Oxycodone, trimethylsilyl ether

Inchi: InChI=1S/C21H29NO4Si/c1-22-11-10-20-17-13-6-7-15(24-2)18(17)25-19(20)14(23)8-9-2
InchiKey: WFDDQATWISHSQB-UHFFFAOYSA-N
Formula: C21H29NO4Si
SMILES: COc1ccc2c3c1OC1C(=O)CCC4(O[Si](C)(C)C)C(C2)N(C)CCC314
Mol. weight [g/mol]: 387.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.66		Crippen Method
logp	2.907		Crippen Method
rinpol	2590.20		NIST Webbook
rinpol	2590.20		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U417218&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

Latest version available from:

<https://www.chemeo.com/cid/114-585-6/Oxycodone-trimethylsilyl-ether.pdf>

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