

Dihydrocodeine, trimethylsilyl ether

Inchi: InChI=1S/C21H31NO3Si/c1-22-11-10-21-14-7-9-17(25-26(3,4)5)20(21)24-19-16(23-2)8-6
InchiKey: GZSGQWPBDZITGJ-UHFFFAOYSA-N
Formula: C21H31NO3Si
SMILES: COc1ccc2c3c1OC1C(O[Si](C)(C)C)CCC4C(C2)N(C)CCC341
Mol. weight [g/mol]: 373.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	3.584		Crippen Method
rinpol	2404.10		NIST Webbook
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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=U417186&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/120-154-7/Dihydrocodeine-trimethylsilyl-ether.pdf>

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