

Dihydromorphine , di(trimethylsilyl) ether

Other names:	Dihydromorphine bis-O-TMS 6-«alpha»-Hydromorphol, TMS Dihydromorphine, 2tms derivative
Inchi:	InChI=1S/C23H37NO3Si2/c1-24-13-12-23-16-9-11-19(27-29(5,6)7)22(23)25-21-18(26-28
InchiKey:	QEYOGUOTCFGUQN-UHFFFAOYSA-N
Formula:	C23H37NO3Si2
SMILES:	CN1CCC23c4c5ccc(O[Si](C)(C)C)c4OC2C(O[Si](C)(C)C)CCC3C1C5
Mol. weight [g/mol]:	431.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.03		Crippen Method
logp	4.789		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U308804&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/30-635-3/Dihydromorphine-di-trimethylsilyl-ether.pdf>

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