Levomethorphan

Other names:	2H-10,4a-Iminoethanophenanthrene, 1,3,4,9,10,10a-hexahydro-6-methoxy-11-methyl-
	Morphinan, 3-methoxy-17-methyl-, (-)-
	Morphinan, 3-methoxy-17-methyl-, l-
	Methorphan
	l-Methorphan
	((-))-3-Methoxy-N-methylmorphinan
	3-Methoxy-17-methylmorphinan, l
	Morphinan, 3-methoxy-N-methyl-, (-)-
	Morphinan, 3-methoxy-n-methyl-
Inchi:	InChI=1S/C18H25NO/c1-19-10-9-18-8-4-3-5-15(18)17(19)11-13-6-7-14(20-2)12-16(13)18
InchiKey:	MKXZASYAUGDDCJ-NJAFHUGGSA-N
Formula:	C18H25NO
SMILES:	COc1ccc2c(c1)C13CCCCC1C(C2)N(C)CC3
Mol. weight [g/mol]:	271.40
CAS:	125-70-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.93		Crippen Method
logp	3.383		Crippen Method
mcvol	223.990	ml/mol	McGowan Method
rinpol	2165.00		NIST Webbook
rinpol	2155.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C125702&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices