

Dextrorphan

Other names:	(+)-cis-1,3,4,9,10,10a-Hexahydro-11-methyl-2H-10,4a-iminoethanophenanthren-6-ol Morphinan-3-ol, 17-methyl-, (9«alpha»,13«alpha»,14«alpha»)- 9«alpha»,13«alpha»,14«alpha»-Morphinan-3-ol, 17-methyl- (+)-N-Methylmorphinan-3-ol (+)-3-Hydroxy-N-methylmorphinan D-3-hydroxy-N-methylmorphinan dextro-Dromoran Ro 1-6794 2H-10,4a-(Iminoethano)phenanthren-6-ol, 1,3,4,9,10,10a-hexahydro-11-methyl-, (+)- Morphinan, 3-hydroxy-N-methyl, (+)- d-Form of levorphanol
Inchi:	InChI=1S/C17H23NO/c1-18-9-8-17-7-3-2-4-14(17)16(18)10-12-5-6-13(19)11-15(12)17/h
InchiKey:	JAQUASYNZVUNQP-PVAVHDDUSA-N
Formula:	C17H23NO
SMILES:	CN1CCC23CCCCC2C1Cc1ccc(O)cc13
Mol. weight [g/mol]:	257.37
CAS:	125-73-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.35		Crippen Method
logp	3.080		Crippen Method
mcvol	209.900	ml/mol	McGowan Method
rmpol	2397.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C125735&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

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