Nalorphine

Other names:	Morphinan-3,6-diol, 7,8-didehydro-4,5-epoxy-17-(2-propenyl)-, (5«alpha»,6«alpha»)-
	Morphinan-3,6«alpha»-diol, 17-allyl-7,8-didehydro-4,5«alpha»-epoxy-
	Allorphine
	Anarcon
	Anthorphine
	Antorfin
	Antorphin
	Antorphine
	Lethidrone
	Letidron
	N-Allylnormorphine
	Nallin
	Nalline
	Nalorphin
	Norfin
	NANM
	Acetorfin
	N-Allyl-7,8-dehydro-4,5-epoxy-3,6-dihydroxymorphinan
	N-Allyl-N-desmethylmorphine
	Nalorfina
	Nalorphinium
	Normorphine, N-allyl-
	17-Allyl-7,8-didehydro-4,5«alpha»-epoxymorphinan-3,6«alpha»-diol
	Morphinan-3,6-diol, 7,8-didehydro-4,5-epoxy-17-(2-propen-1-yl)-, (5«alpha»,6«alpha»)-
Inchi:	InChI=1S/C19H21NO3/c1-2-8-20-9-7-19-12-4-6-15(22)18(19)23-17-14(21)5-3-11(16(17)19)10-12/h2-6,11,15-16,18,21-22H,1,7-10H2/t11-,15+,16+,18-,19-/m1/s1
InchiKey:	UIQMVEYFGZJHCZ-UHFFFAOYSA-N
Formula:	C19H21NO3
SMILES:	C=CCN1CCC23c4c5ccc(O)c4OC2C(O)C=CC3C1C5
Mol. weight [g/mol]:	311.37
CAS:	62-67-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.98		Crippen Method
logp	1.754		Crippen Method
mcvol	230.360	ml/mol	McGowan Method

rinpol	2577.00	NIST Webbook
rinpol	2570.00	NIST Webbook
rinpol	2678.20	NIST Webbook
rinpol	2580.00	NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C62679&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

rinpol: Non-polar retention indices