

Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propenyl)-, (5«alpha»)-

Other names:

(-)-Naloxone

l-Naloxone

N-Allylnoroxymorphone

EN 1530 base

Morphinan-6-one, 17-allyl-4,5«alpha»-epoxy-3,14-dihydroxy-

Morphinan-6-one, 4,5«alpha»-epoxy-3,14-dihydroxy-17-(2-propenyl)-

Normorphinone, N-allyl-dihydro-14-hydroxy-

4aH-8,9c-Iminoethanophenanthro(4,5-bcd)furan-5(6H)-one,

N-allyl-7,7a,8,9-tetrahydro-3,7a-dihydroxy-

l-N-Allyl-7,8-dihydro-14-hydroxynormorphinone

17-Allyl-4,5-«alpha»-epoxy-3,14-dihydroxymorphinan-6-one

l-N-Allyl-14-hydroxynordihydromorphinone

12-Allyl-7,7a,8,9-tetrahydro-3,7a-dihydroxy-4aH-8,9c-iminoethanophenanthro(4,5-bcd)furan-5(6H)-one

Normorphinone, N-allyl-7,8-dihydro-14-hydroxy-, (-)-

Naloxone

Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-(2-propen-1-yl)-, (5«alpha»)-

NSC 70413

Inchi: InChI=1S/C19H21NO4/c1-2-8-20-9-7-18-15-11-3-4-12(21)16(15)24-17(18)13(22)5-6-19(20)

InchiKey: UZHSEJADLWPNLE-UHFFFAOYSA-N

Formula: C19H21NO4

SMILES: C=CCN1CCC23c4c5ccc(O)c4OC2C(=O)CCC3(O)C1C5

Mol. weight [g/mol]: 327.37

CAS: 465-65-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.65		Crippen Method
logp	1.301		Crippen Method
mcpvol	236.230	ml/mol	McGowan Method
rinpol	2794.40		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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=C465656&Units=SI>

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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