

# 1,3-Dioxolo[4,5-b]acridin-10(5H)-one, 11-hydroxy-4-methoxy-5-methyl-

Other names:

Normelicopidine

O-Normelicopidine

Inchi:

InChI=1S/C16H13NO5/c1-17-9-6-4-3-5-8(9)12(18)10-11(17)14(20-2)16-15(13(10)19)21-

InchiKey:

PKACDBKMQVALRA-UHFFFAOYSA-N

Formula:

C16H13NO5

SMILES:

COc1c2c(c(O)c3c(=O)c4cccc4n(C)c13)OCO2

Mol. weight [g/mol]:

299.28

CAS:

517-74-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.67		Crippen Method
logp	2.135		Crippen Method
mcvol	202.090	ml/mol	McGowan Method
rinpol	2973.00		NIST Webbook

## Sources

Crippen Method:

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

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](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=C517748&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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