

# p-Hydroxycinnamoyllupinine

**Inchi:** InChI=1S/C19H25NO3/c21-17-9-6-15(7-10-17)8-11-19(22)23-14-16-4-3-13-20-12-2-1-5-  
**InchiKey:** IZIOGYPPZZKPZLM-HHYPMDAHS-A-N  
**Formula:** C<sub>19</sub>H<sub>25</sub>NO<sub>3</sub>  
**SMILES:** O=C(C=Cc1ccc(O)cc1)OCC1CCCN2CCCCC12  
**Mol. weight [g/mol]:** 315.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Crippen Method
logp	3.213		Crippen Method
mcvol	252.080	ml/mol	McGowan Method
rinpol	2860.00		NIST Webbook
rinpol	2860.00		NIST Webbook
rinpol	2860.00		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=R264334&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

Latest version available from:

<https://www.chemeo.com/cid/62-424-2/p-Hydroxycinnamoyllupinine.pdf>

Generated by Cheméo on 2024-04-29 00:18:14.120515138 +0000 UTC m=+16639143.041092450.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.