# 13-trans-Cinnamoyloxylupanine

**Inchi:** InChI=1S/C24H30N2O3/c27-23-8-4-7-21-18-13-19(16-26(21)23)22-14-20(11-12-25(22)1
**InchiKey:** PUFYZCKVLOYPHL-JBJSFTJTSA-N
**Formula:** C24H30N2O3
**SMILES:** O=C(C=Cc1ccccc1)OC1CCN2CC3CC(CN4C(=O)CCCC34)C2C1
**Mol. weight [g/mol]:** 394.51

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -4.20 | | Crippen Method |
| logp | 3.107 | | Crippen Method |
| mcvol | 306.490 | ml/mol | McGowan Method |
| rinpol | 3390.00 | | NIST Webbook |
| rinpol | 3390.00 | | NIST Webbook |

## Sources

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=R598617&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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