

# norbormide

**Inchi:** InChI=1S/C33H25N3O3/c37-31-28-22-19-23(33(39,21-13-5-2-6-14-21)25-16-8-10-18-35  
**InchiKey:** DNTHHIVFNQZZRD-UHFFFAOYSA-N  
**Formula:** C33H25N3O3  
**SMILES:** O=C1NC(=O)C2C3C(C(O)(c4ccccc4)c4ccccc4)=CC(C3=C(c3ccccc3)c3ccccc3)C12  
**Mol. weight [g/mol]:** 511.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.93		Aqueous Solubility Prediction Method
log10ws	-3.93		Estimated Solubility Method
logp	4.289		Crippen Method
mcvol	378.560	ml/mol	McGowan Method

## Sources

**Estimated Solubility Method:** [http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl\\_file/ci034243xsi20040112\\_053635.txt](http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Aqueous Solubility Prediction Method:** <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume

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