

# 1-Piperidinebutanol, alpha,alpha-diphenyl-, pamoate

**Inchi:** InChI=1S/C65H66N2O6/c68-60-56(54-35-17-15-25-48(54)45-58(60)62(70)72-64(50-27-7  
**InchiKey:** XYQKJQBVPQOKHY-UHFFFAOYSA-N  
**Formula:** C65H66N2O6  
**SMILES:** O=C(OC(CCCN1CCCC1)(c1ccccc1)c1ccccc1)c1cc2ccccc2c(Cc2c(O)c(C(=O)OC(CCC  
**Mol. weight [g/mol]:** 971.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	-17.39		Crippen Method
logp	13.728		Crippen Method
mcvol	770.090	ml/mol	McGowan Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6009832&Units=SI>  
**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>

## Legend

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

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