

# Diphenyl 1-triazolyl carbinol

**Inchi:** InChI=1S/C15H13N3O/c19-15(18-12-16-11-17-18,13-7-3-1-4-8-13)14-9-5-2-6-10-14/h1-  
**InchiKey:** OHEACIYJTFADOX-UHFFFAOYSA-N  
**Formula:** C15H13N3O  
**SMILES:** OC(c1ccccc1)(c1ccccc1)n1cncn1  
**Mol. weight [g/mol]:** 251.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.71		Crippen Method
logp	2.020		Crippen Method
mcvol	191.040	ml/mol	McGowan Method
rinpola	2145.00		NIST Webbook
ripola	2850.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R537741&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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  
**rinpola:** Non-polar retention indices  
**ripola:** Polar retention indices

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