

# Diphenyl-(3-hydroxy-2-tropanyl)-carbinol

<b>Inchi:</b>	InChI=1S/C21H25NO2/c1-22-17-12-13-18(22)20(19(23)14-17)21(24,15-8-4-2-5-9-15)16-
<b>InchiKey:</b>	WEWDSUKFXIYYNN-UHFFFAOYSA-N
<b>Formula:</b>	C21H25NO2
<b>SMILES:</b>	CN1C2CCC1C(C(O)(c1ccccc1)c1ccccc1)C(O)C2
<b>Mol. weight [g/mol]:</b>	323.43

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	2.766		Crippen Method
mcvol	259.230	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000882&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000882&amp;Units=SI</a>

## Legend

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

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