

Phthalimide, n-(o-hydroxybenzyl)-

Inchi:	InChI=1S/C15H11NO3/c17-13-8-4-1-5-10(13)9-16-14(18)11-6-2-3-7-12(11)15(16)19/h1-
InchiKey:	JNZNCSGMEUJDQU-UHFFFAOYSA-N
Formula:	C15H11NO3
SMILES:	O=C1c2ccccc2C(=O)N1Cc1ccccc1O
Mol. weight [g/mol]:	253.25
CAS:	82356-36-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.49		Crippen Method
logp	2.188		Crippen Method
mcvol	182.820	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C82356363&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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<https://www.chemeo.com/cid/17-243-3/Phthalimide-n-o-hydroxybenzyl.pdf>

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