

2-Naphthalenol, 1-(2-pyridinylazo)-

Other names:	2-Naphthol, 1-(2-pyridylazo)- PAN 1-(2-Pyridylazo)-2-Hydroxynaphthalene 1-(2-Pyridylazo)-2-naphthol 2-Hydroxy-1-(2-pyridylazo)naphthalene
Inchi:	InChI=1S/C15H11N3O/c19-13-9-8-11-5-1-2-6-12(11)15(13)18-17-14-7-3-4-10-16-14/h1-
InchiKey:	LLYOXZQVOKALCD-UHFFFAOYSA-N
Formula:	C15H11N3O
SMILES:	Oc1ccc2ccccc2c1N=Nc1cccn1
Mol. weight [g/mol]:	249.27
CAS:	85-85-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.63		Crippen Method
logp	4.356		Crippen Method
mcvol	186.740	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C85858&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	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

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