

1H-Benzimidazole-2-ethanol

Other names:	2-Benzimidazoleethanol 2-(«beta»-Hydroxyethyl)benzimidazole 2-(2-Hydroxyethyl)benzimidazole
Inchi:	InChI=1S/C9H10N2O/c12-6-5-9-10-7-3-1-2-4-8(7)11-9/h1-4,12H,5-6H2,(H,10,11)
InchiKey:	KNWQKDWAKRSKIF-UHFFFAOYSA-N
Formula:	C9H10N2O
SMILES:	OCCc1nc2ccccc2[nH]1
Mol. weight [g/mol]:	162.19
CAS:	4857-01-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.33		Crippen Method
logp	0.616		Crippen Method
mcvol	124.580	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=C4857016&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/41-669-4/1H-Benzimidazole-2-ethanol.pdf>

Generated by Cheméo on 2024-04-19 15:39:40.622863841 +0000 UTC m=+15830429.543441156.
Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.