4-Piperidinol, 1-(phenylmethyl)-

Other names:	N-Benzyl-4-hydroxypiperidine
	1-Benzyl-4-hydroxypiperidine
	1-Benzyl-4-piperidinol
	1-(Phenylmethyl)-4-piperidinol
	4-Piperidinol, 1-benzyl-
	1-Benzyl-piperidin-4-ol
Inchi:	InChI=1S/C12H17NO/c14-12-6-8-13(9-7-12)10-11-4-2-1-3-5-11/h1-5,12,14H,6-10H2
InchiKey:	BPPZXJZYCOETDA-UHFFFAOYSA-N
Formula:	C12H17NO
SMILES:	OC1CCN(Cc2ccccc2)CC1
Mol. weight [g/mol]:	191.27
CAS:	4727-72-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.28		Crippen Method
logp	1.643		Crippen Method
mcvol	161.170	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	400.70	K	0.30	NIST Webbook

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=C4727724&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure