

# Pyridinium, 1-[(hydroxyphenylmethylene)amino]-2-methyl-, hydroxide, inner salt

**Other names:** 2-Picolinium, 1-[(«alpha»-hydroxybenzylidene)amino]-, hydroxide, inner salt  
Pyridinium, 1-(benzoylamino)-2-methyl-, hydroxide, inner salt  
2-Picolinium, 1-benzamido-, hydroxide, inner salt

**Inchi:** InChI=1S/C13H12N2O/c1-11-7-5-6-10-15(11)14-13(16)12-8-3-2-4-9-12/h2-10H,1H3

**InchiKey:** CDHJGSMLGXTKDG-UHFFFAOYSA-N

**Formula:** C13H12N2O

**SMILES:** Cc1ccc[n+]1[N-]C(=O)c1cccc1

**Mol. weight [g/mol]:** 212.25

**CAS:** 17408-47-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.56		Crippen Method
logp	2.260		Crippen Method
mcvol	168.040	ml/mol	McGowan Method

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](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=C17408478&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

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