1-(Phenylmethyl)pyridinium

Inchi: InChI=1S/C12H12N/c1-3-7-12(8-4-1)11-13-9-5-2-6-10-13/h1-10H,11H2/q+1
InchiKey: NDZFNTHGIIQMQI-UHFFFAOYSA-N
Formula: C12H12N
SMILES: c1ccc(C[n+]2ccccc2)cc1
Mol. weight [g/mol]: 170.23
CAS: 15519-25-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.47		Crippen Method
logp	2.022		Crippen Method
mcvol	144.550	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C15519252&Units=SI
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

Legend

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