2-Hydroxy-1-phenylethyl azide

Inchi: InChI=1S/C8H9N3O/c9-11-10-8(6-12)7-4-2-1-3-5-7/h1-5,8,12H,6H2
InchiKey: IAMPGUPDKQOGBT-UHFFFAOYSA-N
Formula: C8H9N3O
SMILES: [N-]=[N+]=NC(CO)c1ccccc1
Mol. weight [g/mol]: 163.18
CAS: 67464-41-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.09		Crippen Method
logp	2.030		Crippen Method
mcvol	127.030	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=C67464419&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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