

1-(1-phenylcyclohexyl)-3-hydroxypiperidine

Inchi: InChI=1S/C17H25NO/c19-16-10-7-13-18(14-16)17(11-5-2-6-12-17)15-8-3-1-4-9-15/h1,3
InchiKey: REOJDWNPCWABRJ-UHFFFAOYSA-N
Formula: C17H25NO
SMILES: OC1CCCN(C2(c3ccccc3)CCCC2)C1
Mol. weight [g/mol]: 259.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.95		Crippen Method
logp	3.303		Crippen Method
mcvol	220.760	ml/mol	McGowan Method
rinpol	2393.00		NIST Webbook
rinpol	2393.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139525&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/28-123-4/1-1-phenylcyclohexyl-3-hydroxypiperidine.pdf>

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