6-Phenylquinoline

Inchi: InChI=1S/C15H11N/c1-2-6-12(7-3-1)13-8-4-10-15-14(13)9-5-11-16-15/h1-11H
InchiKey: QAQUJJBBUGVGMO-UHFFFAOYSA-N
Formula: C15H11N
SMILES: c1ccc(-c2cccc3ncccc23)cc1
Mol. weight [g/mol]: 205.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.64		Crippen Method
logp	3.902		Crippen Method
mcvol	165.210	ml/mol	McGowan Method

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=B6000303&Units=SI

Legend

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