

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: QAQUJJBUGVGMO-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/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/25-821-2/6-Phenylquinoline.pdf>

Generated by Cheméo on 2024-05-03 00:33:19.399171786 +0000 UTC m=+16985648.319749099.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.