

Salicylidene 2-aminopyridine

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|-----------------------------|---|
| Other names: | N-Salicylidene-2-aminopyridine Phenol, 2-((2-pyridinylimino)methyl)- Phenol, o-(N-2-pyridylformimidoyl)- 2-(Salicylideneamino)pyridine N-Pyridylsalicylideneamine N-Salicylidene-2-pyridinamine 2-[(2-Pyridinylimino)methyl]phenol 2-Pyridinamine, N-(2-hydroxybenzylidene)- |
| Inchi: | InChI=1S/C12H10N2O/c15-11-6-2-1-5-10(11)9-14-12-7-3-4-8-13-12/h1-9,15H |
| InchiKey: | DYOIUODXXXAPDU-UHFFFAOYSA-N |
| Formula: | C12H10N2O |
| SMILES: | Oc1cccc1C=Nc1cccn1 |
| Mol. weight [g/mol]: | 198.22 |
| CAS: | 1823-47-8 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|--------|----------------|
| log10ws | -2.65 | | Crippen Method |
| logp | 2.538 | | Crippen Method |
| mcvol | 153.950 | ml/mol | McGowan Method |

Sources

| | |
|------------------------|---|
| 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=C1823478&Units=SI |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci9903071 |

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

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