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Typical Product Specifications & Properties

2-Aminopyrimidine

CAS Number: : 109-12-6

| Specifications | Limits |
|------------------------------|---|
| Molecular weight | 95.10 |
| EINECS | 203-648-4 |
| SMILES | <chem>c1(nccc1)N</chem> |
| InChI | LJXQPZWIHJMPQQ-UHFFFAOYSA-N |
| InChIKey | 1S/C4H5N3/c5-4-6-2-1-3-7-4/h1-3H, (H2,5,6,7) |
| Melting Point | 127.5 ° C |
| Water solubility | 1.86E+05 mg/L |
| log P (octanol-water) | -0.120 |
| Atmospheric OH Rate Constant | 1.27E-11 cm ³ /molecule-sec |
| Henry's Law Constant | 3.66E-06 atm-m ³ /mole |
| Vapor Pressure | 0.246 mm Hg |
| pKa Dissociation Constant | 3.45 |



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| Specifications | Limits |
|---------------------|----------------------------|
| Melting Point | 122-126 °C |
| Flash Point | 103 °C |
| Storage Temperature | -20°C |
| BRN Number | 107014 |
| Water solubility | SOLUBLE |
| Boiling Point | 158 °C (139.5186 mmHg) |



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