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## Typical Product Specifications & Properties

# 2''-Deoxycytidine-5''- monophosphoricacid

CAS Number: : 1032-65-1

| Specifications      | Limits  |
|---------------------|---|
| Molecular weight    | 307.20  |
| EINECS              | 213-849-9   |
| SMILES              | <chem>c1cn(c(=O)nc1N)[C@H]2C[C@@H]([C@H](O2)COP(=O)(O)O)O</chem>  |
| InChI               | NCMVOABPESMRCP-SHYZEUOFSA-N   |
| InChIKey            | 1S/C9H14N3O7P/c10-7-1-2-12(9(14)11-7)8-3-5(13)6(19-8)4-18-20(15,16)17/h1-2,5-6,8,13H,3-4H2,(H2,10,11,14)(H2,15,16,17)/t5-,6+,8+/m0/s1                 |
| Melting Point       | 169-172 &deg;C (dec.)   |
| Water solubility    | Soluble in water.   |
| Refractive Index    | 37 &deg; (C=1, H2O)   |
| Solubility          | H2O: 10 mg/mL, clear, colorless   |
| Storage Temperature | 2-8&deg;C   |
| Chemical Structure  |  46379_2-deoxycytidine-5-monophosphoricacid.png chemical structure |



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