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Typical Product Specifications & Properties

Pyridoxal-5-Phosphate

CAS Number: : 54-47-7

| Specifications | Limits |
|------------------------------|---------------------------------------------------------------------------------------|
| Molecular weight | 247.14 |
| EINECS | 200-208-3 |
| SMILES | <chem>Cc1c(c(c(cn1)COP(=O)(O)O)C=O)O</chem> |
| InChI | NGVDGCNIFYWLIFO-UHFFFAOYSA-N |
| InChIKey | 1S/C8H10NO6P/c1-5-8(11)7(3-10)6(2-9-5)4-15-16(12,13)14/h2-3,11H,4H2,1H3,(H2,12,13,14) |
| Melting Point | 255 ° C |
| Henry's Law Constant | 9.26E-20 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 4.29E-11 cm ³ /molecule-sec |
| Vapor Pressure | 3.28E-10 mm Hg |
| log P (octanol-water) | 0.370 |
| Water solubility | 1.19E+04 mg/L |
| Melting Point | 140-143 °C |



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| Specifications | Limits |
|---------------------|-----------|
| Storage Temperature | -20°C |
| Form | powder |



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