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## Typical Product Specifications & Properties

# Primaquine Phosphate

CAS Number: : 63-45-6

| Specifications      | Limits   |
|---------------------|--|
| Molecular weight    | 455.34   |
| EINECS              | 200-560-8  |
| SMILES              | <chem>CC(CCCN)Nc1cc(cc2c1nccc2)OC.OP(=O)(O)O.OP(=O)(O)O</chem>   |
| InChI               | GJOHLWZHWQUKAU-UHFFFAOYSA-N  |
| InChIKey            | 1S/C15H21N3O.2H3O4P/c1-11(5-3-7-16)18-14-10-13(19-2)9-12-6-4-8-17-15(12)14;2*1-5(2,3)4/h4,6,8-11,18H,3,5,7,16H2,1-2H3;2*(H3,1,2,3,4) |
| Solubility          | water: soluble 50mg/mL, clear, orange to red   |
| Stability           | Stable. Incompatible with strong oxidizing agents.   |
| Storage Temperature | Refrigerator   |
| Melting Point       | 205-206 &deg;C (dec.)  |
| Water solubility    | moderately soluble   |
| Merck               | 13,7833  |



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