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Typical Product Specifications & Properties

Riboflavin-5'-Phosphate Sodium

CAS Number: : 130-40-5

Specifications	Limits
Molecular weight	478.33
EINECS	204-988-6
SMILES	[Na+].Cc1cc2N=C3C(=O)NC(=O)N=C3N(C[C@H](O)[C@H](O)[C@H](O)COP(=O)(O)[O-])c2cc1C
InChI	OHSHFZJLPYL RIP-BMZ HGHOISA-M
InChIKey	1S/C17H21N4O9PNa/c1-7-3-9-10(4-8(7)2)21(15-13(18-9)16(25)20-17(26)19-15)5-11(22)14(24)12(23)6-30-31(27,28)29;/h3-4,11-12,14,22-24H,5-6H2,1-2H3,(H,20,25,26)(H2,27,28,29);/q:+1/p-1/t11-,12+,14-;/m0./s1
Stability	Stable. Incompatible with strong oxidizing agents, reducing agents, bases, calcium, metallic salts. Protect from light, air and moisture.
Melting Point	>300°C
Refractive Index	41 ° (C=1.5, 5mol/L HCl)
Merck	8201
Solubility	H2O: soluble 50mg/mL, clear, orange
Storage Temperature	2-8°C
FEMA	2976



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Specifications	Limits
Water solubility	almost transparency



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