

Product Datasheet

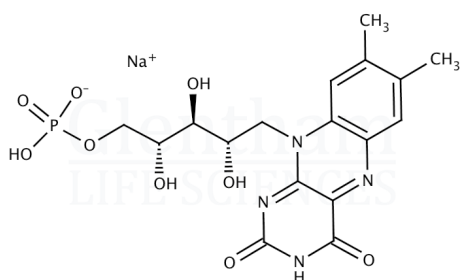
GP0364 - Riboflavin-5"-phosphate monosodium salt hydrate, USP grade

Product Details

Product Name	Riboflavin-5"-phosphate monosodium salt hydrate, USP grade
Glenthams Code	GP0364
CAS Number	130-40-5
EINECS	204-988-6
Numéro MDL	MFCD00150992
PubChem SID	310279706
CAS supplémentaire	6184-17-4 (·2H ₂ O)
Related Categories	APIs, Biochemicals, Vitamins

Structure

Molecular Weight	: 514.36
Molecular Formula	: C ₁₇ H ₂₀ N ₄ NaO ₉ P · xH ₂ O



Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description	: Yellow to orange crystalline powder
Identification	: A, B according to USP
Solubility (1% in water)	: Clear, orange to yellow solution
pH (1% in water)	: 5.0 - 6.5
Specific Optical Rotation	: +37.0 - +42.0 °
Residue on Ignition	: ≤ 25.0%
Free Phosphate	: ≤ 1.0%
Lumiflavin	: Absorbance: ≤ 0.025
Free Riboflavin	: ≤ 6.0%
Riboflavin Diphosphates	: ≤ 6.0%
Loss on Drying	: ≤ 7.5%
Assay	: 73.0 - 79.0 % (C ₁₇ H ₂₀ N ₄ O ₆ , dried basis)
Pharmacopoeia Specification(s)	: USP
Identification (IR)	: To conform to standard
Version	: v1.1

About Riboflavin-5"-phosphate monosodium salt hydrate, USP grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025