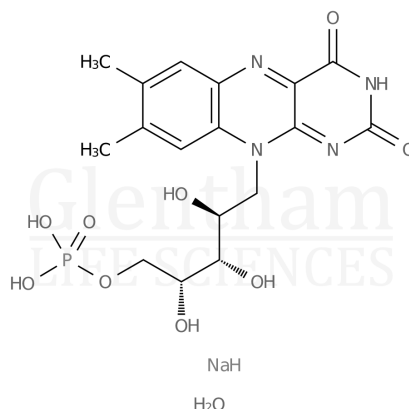


Product Specification

Product Name	Riboflavin-5"-phosphate sodium salt dihydrate
Glentham Code	GV3670
CAS Number	6184-17-4
MDL-Nummer	FCD00150992
Zusätzliche CAS	130-40-5 ($\cdot xH_2O$)
Molecular Weight	514.36
Molecular Formula	$C_{17}H_{20}N_4NaO_9P \cdot 2H_2O$
Storage Temp.	-20°C



Property	Specification
Physical Description	Yellow to orange powder
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, orange solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+37.0 - +43.0 ° (c=1.5, 0.5m HCl)
Loss on Drying	≤ 10.0%
Free Riboflavin	≤ 6.0%
Assay	73.0 - 79.0 %

Specification Version	- v1.0
Date Created	- 2024-07-02

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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