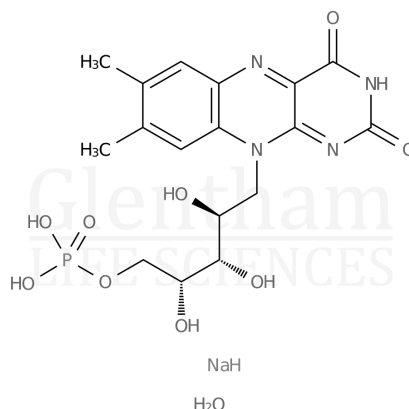


## Product Specification

Product Name	Riboflavin-5"-phosphate sodium salt dihydrate
Glentham Code	GV3670
CAS Number	6184-17-4
MDL Number	FCD00150992
Additional 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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