



LKT Laboratories, Inc.

## Riboflavin

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### Product Information

Product ID R3206

CAS No. 83-88-5

#### Chemical Name

Synonym Vitamin B2, Lactoflavin, Vitamin G, Bflavin, Flavaxin

Formula  $C_{17}H_{20}N_4O_6$

Formula Wt. 376.36

Melting Point 278-282 °C(dec.)

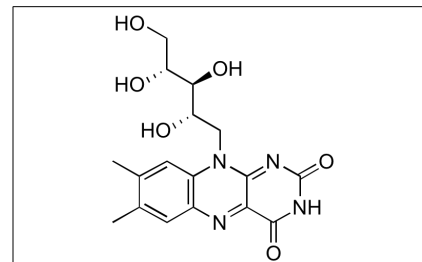
Purity  $\geq 97\%$

Solubility Soluble in alcohol or dilute alkalis. Slightly soluble in benzyl alcohol or phenol. Insoluble in ether, chloroform, acetone or benzene.

Store Temp Ambient

Ship Temp Ambient

Description Riboflavin is also known as vitamin B2; it is found in many food sources such as vegetables, dairy, and legumes. Riboflavin plays a role in the metabolism of carbohydrates, fats, and proteins and is used to stimulate oxidation-reduction reactions. Riboflavin is a required cofactor for flavins and flavoproteins. Occasionally, riboflavin is used to treat migraines. TEST!!!!!!



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
R3206	25 g	\$27.60
R3206	100 g	\$71.70
R3206	250 g	\$126.80

References Taylor FR. Nutraceuticals and headache: the biological basis. Headache. 2011 Mar;51(3):484-501. PMID: 21352223.

Henriques BJ, Olsen RK, Bross P, et al. Emerging roles for riboflavin in functional rescue of mitochondrial  $\beta$ -oxidation flavoenzymes. Curr Med Chem. 2010;17(32):3842-54. PMID: 20858216.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.