



Product Information

CAS Registry No. 83-88-5

Product Name: Riboflavin

Catalog No. R3206

Chemical Name:

Synonym(s): Vitamin B2; Lactoflavine; Vitamin G;
Beflavin; Flavaxin

Mol. formula: $C_{17}H_{20}N_4O_6$

Formula wt: 376.36

M.p. 278°C-282°C(dec.)

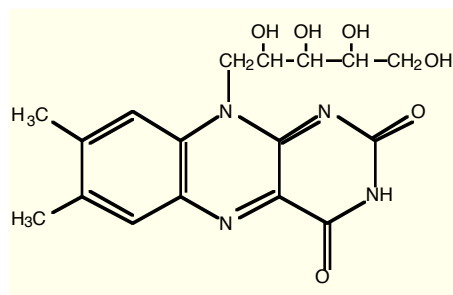
B.p.

Purity: ≥98%

Solubility: Soluble in alcohol or dilute alkalis. Slightly soluble in benzyl alcohol or phenol. Insoluble in ether,

Stability (in original shipping container):

Storage temp: Ambient



Product Description:

Fine orange-yellow needles. It's deficiency causes formation of single strand breaks in nuclear DNA. Increases carcinogen-DNA binding and decreases hepatic glutathione content. All of which how ever can be reversed by riboflavin supplementation. This reversing effect of the vitamin shows its chemopreventive role.

References:

Webster RP, Gawde MD, Bhattacharya RK. *Cancer Lett.* **98**:129-35 (1996).

Pangrekar J, Krishnaswamy K, Jagadeesan V. *Food Chem Toxicol.* **31**:745-50 (1993).

Chiao CH. *Chung Hua Chung Liu Tsa Chih.* **11**:92-4 (1989).

PRICING

25 g	\$18.50
100 g	\$44.20

*Bulk quantity available
upon request*

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