Creative Enzymes®

Riboflavin

Cat. No. COEC-073

Lot. No. (See product label)

Introduction

Description	Riboflavin is a water soluble vitamin involved in the synthesis of flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD). Riboflavin provides protection against oxidative damage.
Applications	Involved in FMN and FAD synthesis

Product Information

Appearance	Powder
Form	Solid
CAS No.	83-88-5
Molecular Formula	C17H20N4O6
Molecular Weight	376.4
Melting Point	282.2° C (dec.)
Boiling Point	709.77° C (Predicted)
Solubility	Soluble in water, absolute ethanol (45 µg/ml at 27° C), and DMSO. Insoluble in acetone, and chloroform.
Refractive Index	1.82
Density	~1.86 g/cm3