Creative Enzymes®

D-(+)-Biotin

Cat. No. COEC-007

Lot. No. (See product label)

Introduction

Description	D-(+)-Biotin is a coenzyme that offers three possible binding sites.
Applications	An important ubiquitous metabolism coenzyme
Synonyms	Vitamin H; 5-(2-Oxo-hexahydro-thieno[3,4-d]imidazol-6-yl)-pentanoic acid; Biotin

Product Information

Appearance	Powder
Form	Solid
CAS No.	58-85-5
Molecular Formula	C10H16N2O3S
Molecular Weight	244.3
Purity	≥99%
Melting Point	231-233° C (lit.)
Boiling Point	~573.6° C at 760 mmHg (Predicted)
Solubility	Soluble in hot water, DMSO (49 mg/ml at 25° C), alcohol, ethanol (<1 mg/ml at 25° C), and benzene.