



Product Information

CAS Registry No. 58-85-5

Product Name: Biotin

Catalog No. B3278

Chemical Name: Hexahydro-2-oxo-1*H*-thieno[3,4-*d*]imidazole-4-pentanoic acid

Synonym(s): Biodermin; Coenzyme R; Vitamin H

Mol. formula: C₁₀H₁₆N₂O₃S

Formula wt: 244.31

M.p. 232°C -233°C

B.p.

Purity: ≥98%

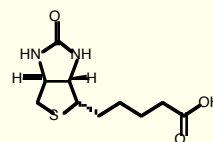
Solubility: Soluble in water (0.2 mg/mL). Very soluble in hot water and dilute alkali. Insoluble in common

Stability (in original shipping container):

Storage temp:

Product Description:

A coenzyme that offers 3 possible binding sites. Used for pretargeted therapy, which increases the amount of radioactivity delivered to a cancer cell.



References:

Sigel H. *Experientia*. **37**:789-98 (1981).

Correa-Gonzalez L, Arteaga de Murphy C, Ferro-Flores G *et al. Nucl Med Biol*. **30**:135-40 (2003).

PRICING

500 mg	\$29.60
1 g	\$44.40
5 g	\$191.00
10 g	\$351.20

Bulk quantity available upon request

LKT Laboratories, Inc.

Address: 2233 University Ave. W
St. Paul, MN 55114
USA

Phone: 888-LKT-Labs (558-5227)
651 644 8424

Fax: 651-644-8357

Email: info@lktlabs.com

Web: www.lktlabs.com

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