

Biotin, BSA-conjugated

DAG3197 chemosynthetic

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Biotin, BSA-conjugated
Description	Biotin, BSA-conjugated
Species	chemosynthetic
Conjugate	BSA
Form	Protein in distilled water
Applications	Immunogen

PACKAGING

Storage	Short Term: Refrigerated; Long Term: Frozen
Concentration	6.7 mg/ml
Preservative	0.01% Sodium Azide

BACKGROUND

Introduction	Biotin, also known as vitamin H or coenzyme R, is a water-soluble B-vitamin (vitamin B7). It is composed of a ureido (tetrahydroimidizalone) ring fused with a tetrahydrothiophene ring. A valeric acid substituent is attached to one of the carbon atoms of the tetrahydrothiophene ring. Biotin is a coenzyme for carboxylase enzymes, involved in the synthesis of fatty acids, isoleucine, and valine, and in gluconeogenesis.
Keywords	5-(2-keto-1;3;3a;4;6;6a-hexahydrothieno[3;4-d]imidazol-6-yl)valeric acid; Biotin; vitamin H; coenzyme R; Vitamin B7; Biopeiderm

REFERENCES

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