

Hydrocortisone-3-CMO BSA

Catalog #: ICP1748Lot #: 082517

Product Description

This product is hydrocortisone-3-CMO linked to Bovine serum albumin (BSA). It may be useful as an antigen paired with the anti-hydrocortisone antibody assay in both ELISA and gold colloid strip test.

Formulation

1 mg Lyophilized powder

Conjugation

Hydrocortisone-3-carboxymethyloxime linked to BSA via amine acylation.

Hydrocortisone/BSA ratio: 10:1

ELISA Titer

OD50 ELISA titer for immobilization of hydrocortisone-BSA is approximately 0.05 µg/mL

Storage & Stability

Product is stable for several weeks at 4°C. For extended storage, store product at -20°C.

Applications

ELISA: suggested immobilized concentration: 0.05-0.2 µg/mL

Gold colloid: to be optimized by users

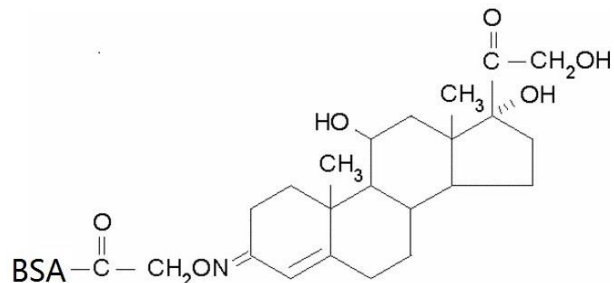


Figure. Structure of hydrocortisone-3-CMO-BSA

MATERIAL SAFETY DATA SHEET

Article 1 - Product Identification and Use

Product Name: Hydrocortisone-3-CMO-BSA

Catalog #: ICP1748

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.

Manufacturer's Name: ImmuneChem Pharmaceuticals Inc.
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Article 2 - Hazardous Ingredients

NOT AVAILABLE. We are not aware of any hazards associated with this product or its ingredients, but the chemical, physical, and toxicological properties of this product have not been investigated thoroughly. Observe normal laboratory precautions.

Article 3 - Physical Data

Transparent liquid.

Article 4 - Fire and Explosion Hazard

NOT APPLICABLE

Article 5 - Reactivity Data

- Chemical Stability: Stable under recommended storage conditions.
 - Conditions to avoid: Light.
 - Materials to Avoid: Strong oxidizing agents.
 - Hazardous Products: Formed under fire conditions – Carbon oxides, Hydrogen bromide gas.
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Article 6 – Toxicologically Data

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Article 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Wear protective equipment.
 - Absorb on sand or vermiculite and place in closed containers for disposal.
 - Observe all federal, state and local environmental regulations.
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Article 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
 - In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
 - If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
 - In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.
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Article 9 - Preparation

Prepared By: Hao Xiao

Phone #: 1-604-431-6425

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. ImmuneChem shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

For in vitro research use only. Not recommended or intended for diagnosis of diseases in humans or animals. Do not use in humans or in animals.

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