

## Aflatoxin B1-BSA

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Aflatoxin B1-BSA is a complex formed by the conjugation of aflatoxin B1 with bovine serum albumin (BSA) and is commonly used in immunological research to enhance the immunogenicity of antigens. Aflatoxin B1 is a hapten; when present alone, it cannot induce an immune response and requires conjugation with a macromolecular protein to become a complete antigen in order to exhibit immunogenicity.
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### Reference

Weiss AM, et al. Site-specific antigen-adjuvant conjugation using cell-free protein synthesis enhances antigen presentation and CD8+ T-cell response. Sci Rep. 2021 Mar 18;11(1):6267.

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