

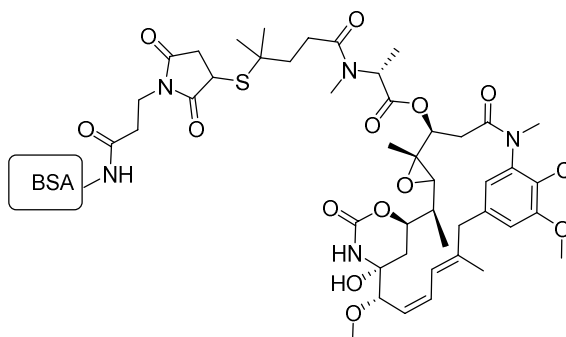
## BSA-DM4 (Ravtansine) Conjugate

Lyophilized solid, 1 mg per tube, ≥99%

Product Number: CM52112

### Product Description

DM4 (ravtansine) is a thiol-containing derivative of maytansine. It binds to tubulin and inhibits the assembly of microtubules. DM4 is being investigated as the cytotoxic payload of a number of antibody-drug conjugates (ADCs). This BSA-DM4 conjugate is designed with similar linker chemistry as T-DM1 and is synthesized at CellMosaic® for our customers' usage in immunization or immunoassay. Maleimide functional groups are first introduced to the BSA followed by a reaction of the maleimide group with the thiol of DM4 to form the BSA-DM4 conjugate.



The product is sold as 1 vial of 1 mg (Cat# CM52112-1MG) or 5 vials of 1 mg (Cat# CM52112-5MG). For bulk orders, please contact us for a quote.

### Application

- Suitable for immunization or immunoassay.

### Key Features of this BSA-DM4

- Lyophilized from phosphate buffered saline containing sugar-based stabilizer for easy shipping and storage.
- **Optimal loading** with an average of 2-4 DM4 per BSA.
- Concentration accurately determined by UV/HPLC

### Chemical Information

- **Chemical Name:** BSA-DM4 (Mertansine) Conjugate
- **Chemical Formula:** N/A
- **Molecular Weight:** 70KDa    **CAS Number:** N/A

### Specification

- **Physical Appearance:** white to off-white preservative-free lyophilized powder in a 2.0 mL centrifuge tube
- **Storage Temp:** -20°C
- **Purity:** ≥99% of conjugates by HPLC
- **Amount of DM4 Loaded per BSA Molecule:** 2-4