

Trastuzumab emtansine

Chemical Properties

CAS No. : 1018448-65-1

Formula: N/A

Molecular Weight:

Trastuzumab emtansine

Storage: Keep away from moisture,Keep away from direct sunlight,Store at low temperature

-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Trastuzumab emtansine (Ado-Trastuzumab emtansine) is an antibody-drug conjugate that combines the HER2-targeted antitumor specificity of trastuzumab with the potent cytotoxic activity of the microtubule inhibitor DM1, Trastuzumab emtansine enables selective intracellular delivery of the cytotoxic payload to HER2-expressing cells and supporting translational and mechanistic research in advanced breast cancer models.
Targets(IC50)	EGFR,Antibody-Drug Conjugates (ADCs)
In vitro	Trastuzumab emtansine (2 µg/mL; 3 d) markedly inhibits the proliferation of epithelial ovarian cancer (EOC) cells[2].
In vivo	Method: Trastuzumab emtansine was administered intravenously at 15 mg/kg three to five times weekly for 3 weeks in CB-17/SCID mice injected with OVA10 cells. Result: Trastuzumab emtansine produced significant antitumor effects in tumor-bearing mice[2].

Solubility Information

Solubility	DMSO: 160 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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