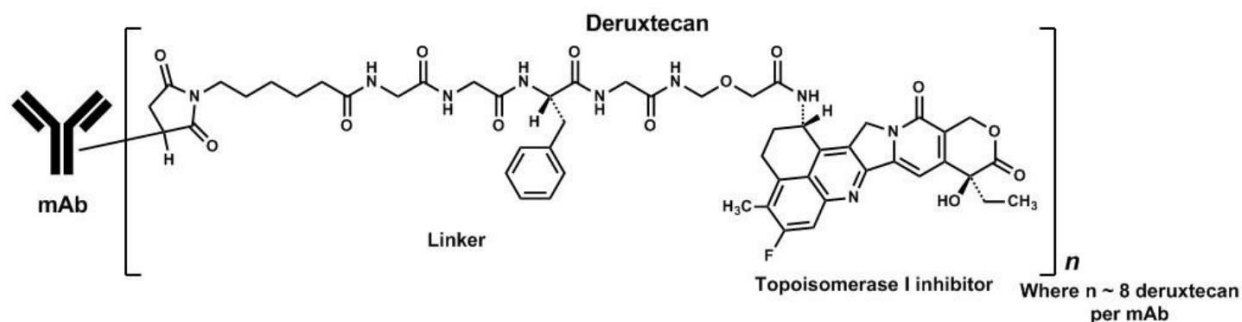


Catalog# BP-50172

Fam-Trastuzumab deruxtecan-nxki (ENHERTU®)

Description:

Fam-trastuzumab deruxtecan-nxki (ENHERTU®) is a HER2-directed antibody and topoisomerase inhibitor conjugate. Fam-trastuzumab deruxtecan-nxki is an antibody-drug conjugate (ADC) composed of three components: 1) a humanized anti-HER2 IgG1 monoclonal antibody (mAb), covalently linked to 2) a topoisomerase inhibitor, via 3) a tetrapeptide-based cleavable linker. Deruxtecan is composed of a protease-cleavable maleimide tetrapeptide linker and the topoisomerase inhibitor, DXd, which is an exatecan derivative. The antibody is produced in Chinese hamster ovary cells by recombinant DNA technology, and the topoisomerase inhibitor and linker are produced by chemical synthesis. Approximately 8 molecules of deruxtecan are attached to each antibody molecule. This product is used for research only. It can be used as a reference compound. Fam-trastuzumab deruxtecan-nxki has the following structure:



Product Details	
Species Reactivity	Human
Published Species	Human
Host/Isotype	Cell culture/ IgG1
Class	Monoclonal
Type	Antibody-drug conjugate
Clone	Trastuzumab biosimilar
Conjugate	Trastuzumab conjugated with -GGFG-Exatecan (DX-8951)
DAR	~ 8.0
Immunogen	Human Her2
Form	Liquid
Concentration	1 mg/ml
Purification	Size exclusive column
Storage buffer	50 mM Sodium Phosphate, 0.05% Tween-20, pH7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.