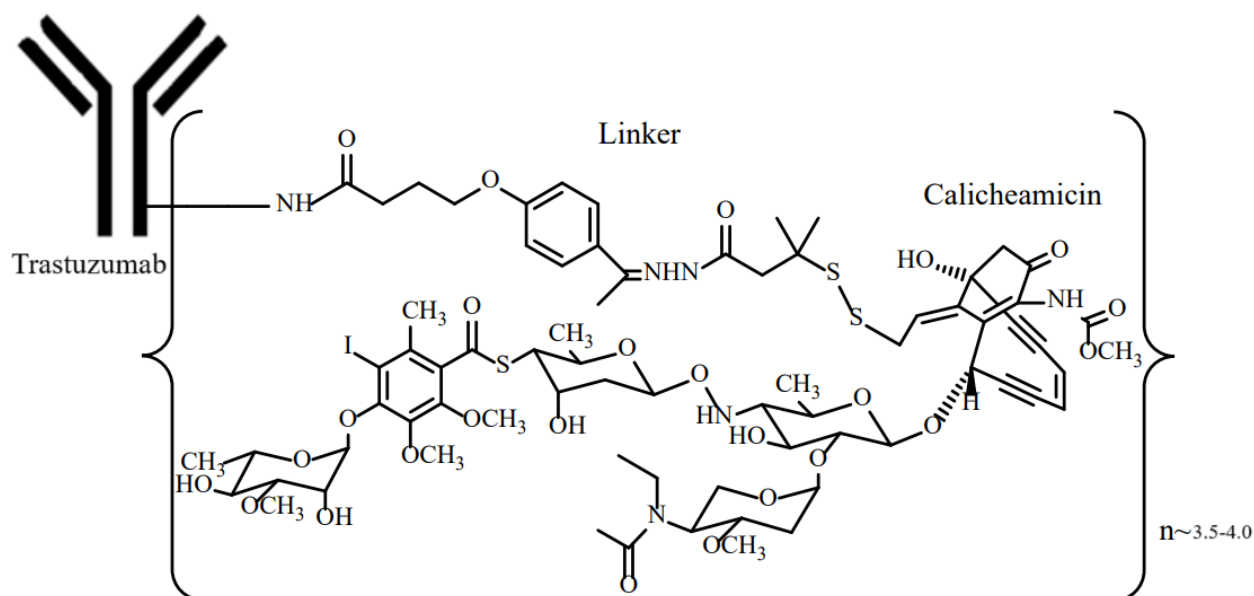


Catalog# BP-50171

Trastuzumab-Calicheamicin

Description:

Trastuzumab-Calicheamicin is an antibody-drug conjugate (ADC) of Anti-Her2 human monoclonal antibody Trastuzumab with Calicheamicin through a cleavable linker. Calicheamicin as toxicity payload in antibody-drug conjugates (ADCs) are effective therapeutics for leukemias with two recently approved in the United States: Mylotarg (gemtuzumab ozogamicin) targeting CD33 for acute myeloid leukemia and Besponsa (inotuzumab ozogamicin) targeting CD22 for acute lymphocytic leukemia. The DAR of Trastuzumab-Calicheamicin is 3.5 - 4.0. This product is used for research only. It can be used as a reference compound. The Trastuzumab-Calicheamicin has the following chemical structure:



Product Details	
Species Reactivity	Human
Published Species	Human
Host/Isotype	Cell culture/ IgG1
Class	Monoclonal
Type	Antibody-drug conjugate
Clone	Trastuzumab biosimilar
Conjugate	AcBut-Calicheamicin
DAR	3.5 – 4.0
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.