

Catalog# BP-50208

Tisotumab vedotin

Description:

Tisotumab vedotin-tftv is a Tissue Factor (TF) directed antibody drug conjugate (ADC) comprised of a human anti-TF IgG1-kappa antibody conjugated to the microtubule-disrupting agent monomethyl auristatin E (MMAE) via a protease-cleavable vc (valine-citrulline) linker. The monoclonal antibody is produced in a mammalian cell line (Chinese hamster ovary). MMAE and the linker are produced by chemical synthesis. Each monoclonal antibody molecule carries an average of 4 MMAE molecules. Tisotumab vedotin-tftv has an approximate molecular weight of 153 kDa. Tisotumab vedotin has the potential for use in research of solid tumors mainly in cervical cancer. This product is for research use only. The chemical structure is as follows:

Product Details	
CAS No.	1418731-10-8
Species Reactivity	Human
Type	Antibody-drug conjugate
ADC antibody	Tisotumab (tissue factor III (thromboplastin)/CD142)
Target	Humam TF/CD142
ADC cytotoxin (drug)	MMAE
Purity	99%
DAR	4.2
Molecular Weight	153kDa
Formulation	1xPBS
Purification	Size exclusive column
Storage conditions	Store the undiluted solution at -20°C in the dark to avoid freeze-thaw cycles.