

CBX-12

Chemical Properties

CAS No. :

Formula: C169H240FN35O49S2

Molecular Weight: 3629.05

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	CBX-12 is a peptide drug conjugate (PDC) that targets tumors in an antigen-independent manner and exhibits antitumor activity. Comprising a pH-sensitive peptide (pHLIP), an auto-cleavable linker, and the topoisomerase 1 (TOP1) inhibitor Exatecan, it effectively targets cancerous cells.
Targets(IC50)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2756 mL	1.3778 mL	2.7555 mL
5 mM	0.0551 mL	0.2756 mL	0.5511 mL
10 mM	0.0276 mL	0.1378 mL	0.2756 mL
50 mM	0.0055 mL	0.0276 mL	0.0551 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481