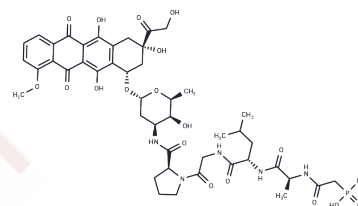


PhAc-ALGP-Dox

Chemical Properties

CAS No. :	1616592-31-4
Formula:	C45H58N5O19P
Molecular Weight:	1003.94
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PhAc-ALGP-Dox is a peptide-drug conjugate and a novel antitumor prodrug. It exhibits a range of IC50 values from 311 nM to 34.25 μM against TNBC (E0771), normal mouse epithelium (HC-11), human TNBC (MDA-MB-231 and MDA-MB-468), human colorectal cancer (LS 174T), and normal human epithelium (HME-1) cells.
Targets(IC50)	Others
In vitro	PhAc-ALGP-Dox is activated through a tumor-specific two-step cleavage process, initially triggered by extracellular THOP1, followed by further processing by FAPα/DPP4.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9961 mL	4.9804 mL	9.9608 mL
5 mM	0.1992 mL	0.9961 mL	1.9922 mL
10 mM	0.0996 mL	0.498 mL	0.9961 mL
50 mM	0.0199 mL	0.0996 mL	0.1992 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