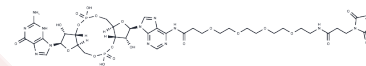


ATAC21

Chemical Properties

CAS No. :	2101204-23-1
Formula:	C38H50N12O21P2
Molecular Weight:	1072.82
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	ATAC21 is a linker-immune-stimulatory compound created by conjugating a noncleavable maleimide-PEG4 linker, which includes a succinimide group, with an immune-stimulatory agent. This compound can be further conjugated with SBT-040 (anti-CD40 antibody) to form a conjugate [1].
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	A recombinant bispecific antibody comprises: a) a target antigen-binding domain that specifically binds to a tumor-associated antigen; b) an effector antigen-binding domain that specifically binds to an antigen on antigen-presenting cells, where the antigen is a molecule on the surface of antigen-presenting cells; c) an Fc-containing domain; and d) an immune-stimulatory compound linked to the recombinant bispecific antibody through a linker. This recombinant bispecific antibody, when bound to both the tumor-associated antigen and the antigen on antigen-presenting cells as opposed to only the latter, elicits greater immune cell activation. However, it does not target the tumor-associated antigen [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9321 mL	4.6606 mL	9.3212 mL
5 mM	0.1864 mL	0.9321 mL	1.8642 mL
10 mM	0.0932 mL	0.4661 mL	0.9321 mL
50 mM	0.0186 mL	0.0932 mL	0.1864 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

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