

Product Name: CD22L-N₃ (BPC-Sia-LacNAc-N₃)

Catalog No.: 8830

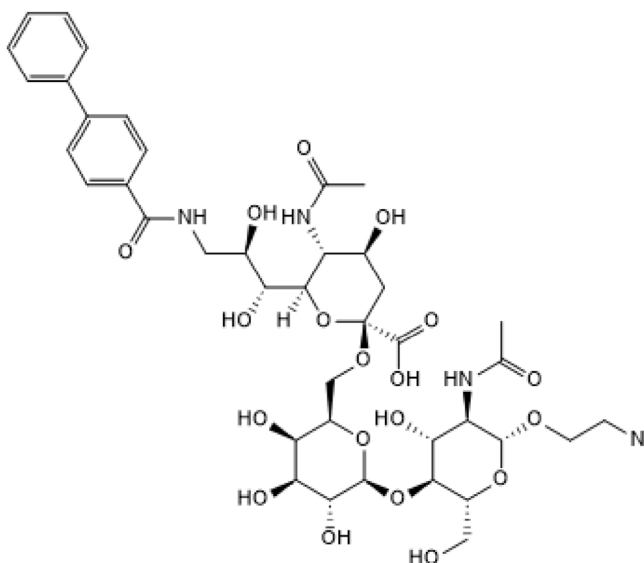
Batch No.: 1

CAS Number: 1019642-47-7

IUPAC Name: (2*R*,4*S*,5*R*,6*R*)-6-((1*R*,2*R*)-3-([1,1'-Biphenyl]-4-carboxamido)-1,2-dihydroxypropyl)-5-acetamido-2-(((2*R*,3*R*,4*S*,5*R*,6*S*)-6-(((2*R*,3*S*,4*R*,5*R*,6*R*)-5-acetamido-6-(2-azidoethoxy)-4-hydroxy-2-(hydroxymethyl)tetrahydro-2*H*-pyran-3-yl)oxy)-3,4,5-trihydroxytetrahydro-2*H*-pyran-2-yl)methoxy)-4-hydroxytetrahydro-2*H*-pyran-2-carboxylic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:	C ₄₀ H ₅₄ N ₆ O ₁₉
Batch Molecular Weight:	922.89
Physical Appearance:	White solid
Solubility:	DMSO to 100 mM water to 100 mM
Storage:	Store at -20°C
Batch Molecular Structure:	



2. ANALYTICAL DATA

HPLC:	Shows 97.5% purity
Mass Spectrum:	Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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IUPAC Name: (2R,4S,5R,6R)-6-((1R,2R)-3-([1,1'-Biphenyl]-4-carboxamido)-1,2-dihydroxypropyl)-5-acetamido-2-(((2R,3R,4S,5R,6S)-6-(((2R,3S,4R,5R,6R)-5-acetamido-6-(2-azidoethoxy)-4-hydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-yl)methoxy)-4-hydroxytetrahydro-2H-pyran-2-carboxylic acid

Description:

CD22L-N₃ (BPC-Sia-LacNAc-N₃) is a functionalized CD22 receptor ligand for trogocytosis targeting chimera (TrogoTAC) research and development. CD22 targeted TrogoTACs are bispecific molecules capable of inducing protein transfer from the target cell to B cells, by redirecting trogocytosis. Comprises an azide functionalized CD22 ligand for conjugation.

Physical and Chemical Properties:

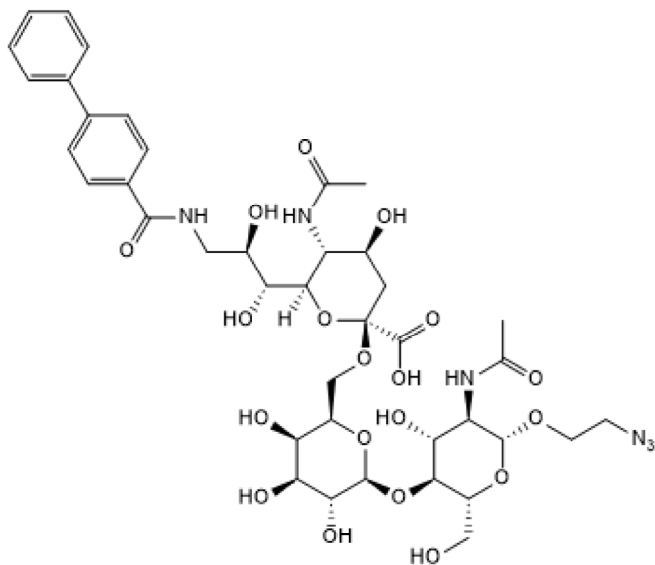
Batch Molecular Formula: C₄₀H₅₄N₆O₁₉

Batch Molecular Weight: 922.89

Physical Appearance: White solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

water to 100 mM

This product is supplied in lyophilized form. It may appear as a solid, gel or film and be very hard to visualize. Solutions should be made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Till *et al* (2024) Trogocytosis targeting chimeras (TrogoTACs) for targeted protein transfer. ChemRxiv.

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