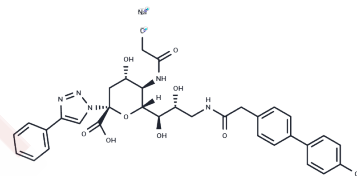


## CD22 ligand-1

## Chemical Properties

CAS No. : 2493080-27-4  
 Formula: C<sub>33</sub>H<sub>34</sub>N<sub>5</sub>NaO<sub>10</sub>  
 Molecular Weight: 683.64  
 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	CD22 Ligand-1 (Compound 12) is a potent, selective ligand for CD22, exhibiting dissociation constants (K <sub>D</sub> ) of 0.335 μM for human CD22 (hCD22) and 30.7 μM for myelin-associated glycoprotein (MAG), indicating specificity towards hCD22. This ligand holds potential for B-cell related disease research [1].
Targets(IC50)	Others, Immunology/Inflammation related

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4628 mL	7.3138 mL	14.6276 mL
5 mM	0.2926 mL	1.4628 mL	2.9255 mL
10 mM	0.1463 mL	0.7314 mL	1.4628 mL
50 mM	0.0293 mL	0.1463 mL	0.2926 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

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