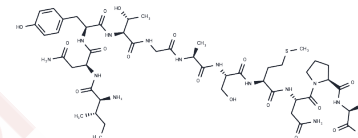


AQP4 (205-215)

Chemical Properties

CAS No. :	2891466-35-4
Formula:	C48H75N13O17S
Molecular Weight:	1138.25
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	AQP4 (205-215) is a fragment of the water channel protein Aquaporin-4 (AQP4). This protein is an autoimmune antigen in optic neuromyelitis and, upon binding with CD40, is upregulated and presented in B cells. AQP4 is associated with neuromyelitis optica (NMO), an autoimmune inflammatory disease of the central nervous system (CNS).
Targets(IC50)	Aquaporin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8785 mL	4.3927 mL	8.7854 mL
5 mM	0.1757 mL	0.8785 mL	1.7571 mL
10 mM	0.0879 mL	0.4393 mL	0.8785 mL
50 mM	0.0176 mL	0.0879 mL	0.1757 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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