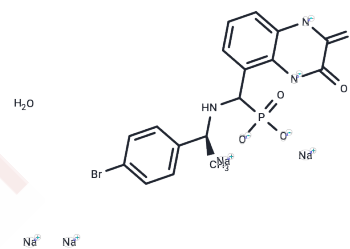


PEAQX sodium

Chemical Properties

CAS No. :	2102348-87-6
Formula:	C17H15BrN3Na4O6P
Molecular Weight:	560.1588
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	PEAQX, also known as NVP-AAM077; is a competitive antagonist at the NMDA receptor. Although originally described as 100-fold selective for GluN1/GluN2A receptors vs. GluN1/GluN2B receptors, more detailed studies of the K_i of PEAQX revealed it only shows a 5 fold difference in affinity for GluN1/GluN2A vs. GluN1/GluN2B receptors. It is also a potent anticonvulsant in animal tests.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7852 mL	8.926 mL	17.852 mL
5 mM	0.357 mL	1.7852 mL	3.5704 mL
10 mM	0.1785 mL	0.8926 mL	1.7852 mL
50 mM	0.0357 mL	0.1785 mL	0.357 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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