

## Posdinemab

## Chemical Properties

CAS No. : 2517973-04-3

Formula:

Molecular Weight: 145.34 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Posdinemab (JNJ-63733657) is a humanized monoclonal antibody targeting pT217 phosphorylated Tau. By specifically binding to pathological Tau, it blocks its propagation and aggregation between neurons, thereby delaying the progression of Alzheimer's and other tauopathies.
Targets(IC50)	Microtubule Associated
In vitro	In experiments using artificial cerebrospinal fluid and mouse brain homogenates, immunoprecipitation with 100 nM Posdinemab followed by 20 hours of enzymatic digestion, and subsequent analysis by LC-MS, demonstrated that it specifically enriches the diphosphorylated Tau peptide (SRTPSLPTPPTREPK2p) containing the pT217 site, confirming that this antibody exhibits extremely high affinity and precise selective capture capacity for pathologically phosphorylated tau protein [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0688 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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.

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