

## Fulranumab

## Chemical Properties

CAS No. :	902141-80-4
Formula:	
Molecular Weight:	145.37 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Fulranumab (AMG-403) is a humanised monoclonal antibody targeting nerve growth factor (NGF), which blocks the binding and activation of NGF with TrkA and p75NTR and has analgesic effects, and can be used for the study of chronic pain.
Targets(IC50)	Trk receptor
In vitro	<p><b>Methods:</b> Various concentrations of Fulranumab (5-200µg/mL) were used to evaluate its ability to inhibit anti-Fulranumab antibodies and false-positive anti-drug antibodies (ADA) induced by acid-treated NGF.</p> <p><b>Results:</b> Fulranumab at 200µg/mL (60 minutes) completely inhibited 10ng/mL of anti-Fulranumab antibodies and suppressed 100 and 1,000ng/mL antibodies by over 90%. [1] Fulranumab at 5-100µg/mL partially and dose-dependently inhibited false-positive ADA responses. [1]</p>

## 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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