

Frunevetmab

Chemical Properties

CAS No. : 1708936-80-4

Formula:

Molecular Weight: 147.99 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Frunevetmab (NV-02) is a feline-adapted monoclonal antibody targeting NGF (nerve growth factor), with a Kd value of 20 pM. This compound effectively alleviates pain associated with feline osteoarthritis (OA).
Targets(IC50)	Trk receptor
In vitro	Frunevetmab (NV-02) neutralizes nerve growth factor (NGF) with high affinity and potency without binding to the complement system [2].
In vivo	Frunevetmab administered subcutaneously at a dosage of 1.0-2.8mg/kg on days 0, 28, and 56 demonstrated a positive therapeutic effect on cats with naturally occurring osteoarthritis, alleviating pain and improving associated mobility impairments and disabilities [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0338 mL	0.0676 mL
5 mM	0.0014 mL	0.0068 mL	0.0135 mL
10 mM	0.0007 mL	0.0034 mL	0.0068 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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