

Brodalumab

Chemical Properties

CAS No. : 1174395-19-7

Formula:

Molecular Weight: 144.06 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Brodalumab

Biological Description

Description	Brodalumab (AMG 827) is a human monoclonal IgG2 antibody targeting the interleukin 17 receptor (IL-17R), commonly used as an immunosuppressant in treating psoriasis.
Targets(IC50)	IL Receptor, Interleukin
In vitro	Brodalumab (AMG 827) blocks the biological activity of the IL-17A, IL-17F, and IL-17A/F heterodimer signaling pathways by binding to the IL-17RA/RC complex. Additionally, it inhibits the biological activity of the IL-25 (IL-17E) signaling pathway by binding to the IL-17RA/RB complex[1]. Brodalumab is capable of suppressing the inflammatory processes associated with psoriasis[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0347 mL	0.0694 mL
5 mM	0.0014 mL	0.0069 mL	0.0139 mL
10 mM	0.0007 mL	0.0035 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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