

LY2928057

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 114.02 kDa

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	LY2928057 is a humanized monoclonal antibody targeting the iron transporter SLC40A1, an iron-regulatory inhibitor used in cardiovascular disease research.
Targets(IC50)	Ferroportin
In vitro	LY2928057 is a monoclonal antibody targeting iron transporters. LY2928057 binds to ferritransporter and blocks its interaction with ferrimodulin, resulting in iron efflux, resulting in elevated serum iron and transferrin saturation levels and increased ferrimodulin in monkeys and humans. [1]
In vivo	The administration of LY2928057 (10-30 mg/kg) resulted in a dose-dependent increase in serum ferritin in cynomophores.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0088 mL	0.0439 mL	0.0877 mL
5 mM	0.0018 mL	0.0088 mL	0.0175 mL
10 mM	0.0009 mL	0.0044 mL	0.0088 mL
50 mM	0.0002 mL	0.0009 mL	0.0018 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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