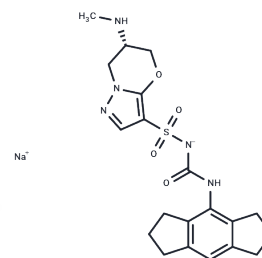


GDC-2394 sodium salt

Chemical Properties

CAS No. :	2238822-08-5
Formula:	C ₂₀ H ₂₄ N ₅ NaO ₄ S
Molecular Weight:	453.49
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	GDC-2394 sodium salt is an orally active selective NLRP3 inhibitor that concurrently inhibits IL-1 β with IC ₅₀ values of 0.4 μ M (human) and 0.1 μ M (mouse). This compound specifically inhibits NLRP3-induced caspase-1 activity without affecting NLRC4-dependent inflammasome activation.
Targets(IC ₅₀)	NOD,IL Receptor
In vivo	GDC-2394 sodium salt (25 mg/kg, intravenous injection, 7 days) was used to treat a functional rat model of gouty arthritis and significantly inhibited knee joint swelling after 48 hours.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2051 mL	11.0256 mL	22.0512 mL
5 mM	0.441 mL	2.2051 mL	4.4102 mL
10 mM	0.2205 mL	1.1026 mL	2.2051 mL
50 mM	0.0441 mL	0.2205 mL	0.441 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.

Reference

McBride C, et al. Overcoming Preclinical Safety Obstacles to Discover (S)-N-((1,2,3,5,6,7-Hexahydro-s-indacen-4-yl)carbamoyl)-6-(methylamino)-6,7-dihydro-5H-pyrazolo[5,1-b][1,3]oxazine-3-sulfonamide (GDC-2394): A Potent and Selective NLRP3 Inhibitor. J Med Chem. 2022 Oct 24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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