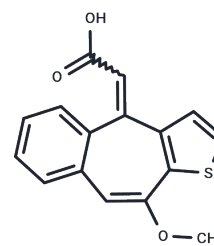


IX 207-887

Chemical Properties

CAS No. : 98320-39-9
 Formula: C₁₆H₁₂O₃S
 Molecular Weight: 284.33
 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	IX 207-887 inhibits the release of interleukin-1 (IL-1). IX 207-887 is a novel antiarthritic agent.
Targets(IC50)	Others, Interleukin
In vitro	IX 207-887 is a novel antiarthritic agent that does not affect human monocyte adherence or significantly inhibit IL-1 or IL-2-induced thymocyte proliferation. It lacks IL-1 antagonistic activity in chondrocyte tests but effectively inhibits IL-1 release from human monocytes and mouse peritoneal macrophages, significantly reducing both biologically active and immunoreactive IL-1 in culture media, while IL-1 levels in homogenates or lysates remain largely unchanged or slightly reduced.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.517 mL	17.5852 mL	35.1704 mL
5 mM	0.7034 mL	3.517 mL	7.0341 mL
10 mM	0.3517 mL	1.7585 mL	3.517 mL
50 mM	0.0703 mL	0.3517 mL	0.7034 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

Schnyder J, et al. Inhibition of interleukin-1 release by IX 207-887. Agents Actions. 1990 Jun;30(3-4):350-62.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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