

Lotifazole

Chemical Properties

CAS No. :	71119-10-3
Formula:	C ₁₂ H ₉ Cl ₃ N ₂ O ₂ S
Molecular Weight:	351.63
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Lotifazole (F 1686) is a non-steroidal anti-inflammatory drug. At low doses, it specifically inhibits delayed-type hypersensitivity reactions without relying on the prostaglandin synthesis inhibition pathway. At higher doses, Lotifazole significantly alleviates carrageenan-induced paw edema in rats, UV-induced erythema in guinea pigs, and pleurisy. Lotifazole can be utilized in the study of T cell-mediated diseases.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8439 mL	14.2195 mL	28.439 mL
5 mM	0.5688 mL	2.8439 mL	5.6878 mL
10 mM	0.2844 mL	1.4219 mL	2.8439 mL
50 mM	0.0569 mL	0.2844 mL	0.5688 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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