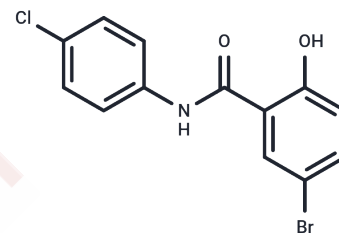


Multifungin

Chemical Properties

CAS No. :	3679-64-9
Formula:	C ₁₃ H ₉ BrClNO ₂
Molecular Weight:	326.57
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	Multifungin (Bromochlorosalicylanilide) is an antifungal agent used in studies of oral candidiasis, reducing fungal populations in stored corn and preventing zearalenone formation and accumulation.
Targets(IC50)	Antibacterial, Antifungal

Solubility Information

Solubility	DMSO: 60 mg/mL (183.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.12 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0621 mL	15.3107 mL	30.6213 mL
5 mM	0.6124 mL	3.0621 mL	6.1243 mL
10 mM	0.3062 mL	1.5311 mL	3.0621 mL
50 mM	0.0612 mL	0.3062 mL	0.6124 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

Kulagin VI, et al. Vestn Dermatol Venerol. 1972 Aug;46(8):75-6.

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