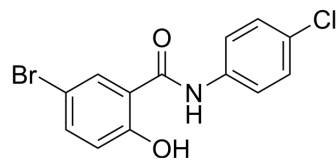


Multifungin

Cat. No.:	HY-B2140
CAS No.:	3679-64-9
Molecular Formula:	C ₁₃ H ₉ BrClNO ₂
Molecular Weight:	326.57
Target:	Fungal
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (765.53 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				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
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.37 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (6.37 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Multifungin (Bromochlorosalicylanilide) is an antifungal that treats oral <i>candidiasis</i> ^[1] . Multifungin prevents the formation and accumulation of Zearalenone and reduces the fungal population in stored-crushed corn ^[2] .
IC ₅₀ & Target	<i>candidiasis</i> ^[1]

REFERENCES

- [1]. Knychalska-Karwan Z, et al. Multifungin in the treatment of oral candidiasis. *Czas Stomatol.* 1983 Apr;36(4):313-5.
- [2]. I. A. El-Kady, et al. Effect of Four Pesticides on Aflatoxin Production by *Aspergillus flavus* IMI89717. *Zentralbl. Mikrobiol.* 148 (1993),549-557.

Caution: Product has not been fully validated for medical applications. For research use only.

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