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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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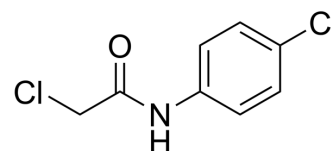
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2,4'-Dichloroacetanilide

Cat. No.:	HY-W028684		
CAS No.:	3289-75-6		
Molecular Formula:	C ₈ H ₇ Cl ₂ NO		
Molecular Weight:	204.05		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (490.08 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.9008 mL	24.5038 mL	49.0076 mL
		5 mM		0.9802 mL	4.9008 mL	9.8015 mL
		10 mM		0.4901 mL	2.4504 mL	4.9008 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: ≥ 2.5 mg/mL (12.25 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.25 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	2,4'-Dichloroacetanilide is a fungistatic agent. 2,4'-Dichloroacetanilide inhibits T. asteroides with a MIC value of 6.25 µg/mL [1].
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REFERENCES

[1]. Yamazoe H, et al. [Studies on the experimental chemotherapy of dermatomycosis and candidiasis. V. On the antifungal activity for various arylhaloacetamide compounds in vitro and in vivo]. Yakugaku Zasshi. 1968 Dec;88(12):1602-9. Japanese.

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

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