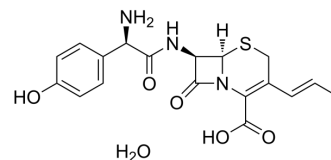


Cefprozil monohydrate

Cat. No.:	HY-B0458
CAS No.:	121123-17-9
Molecular Formula:	C ₁₈ H ₂₁ N ₃ O ₆ S
Molecular Weight:	407.44
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	4°C, protect from light
	In solvent -80°C 2 years
	-20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1.1 mg/mL (2.70 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4543 mL	12.2717 mL	24.5435 mL
	5 mM		---	---	---
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Cefprozil monohydrate (Cefzil) is a second-generation cephalosporin type antibiotic^[1].

IC₅₀ & Target

β-lactam

REFERENCES

[1]. J C Fung-Tom, et al. Antibacterial activities of cefprozil compared with those of 13 oral cepheems and 3 macrolides. Antimicrob Agents Chemother. 1995 Feb;39(2):533-8.

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

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