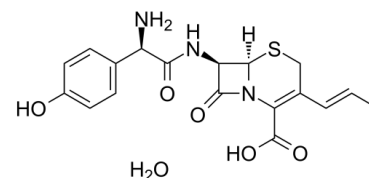


Data Sheet

Product Name:	Cefprozil (monohydrate)
Cat. No.:	CS-2569
CAS No.:	121123-17-9
Molecular Formula:	C ₁₈ H ₂₁ N ₃ O ₆ S
Molecular Weight:	407.44
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 34 mg/mL (83.45 mM)



BIOLOGICAL ACTIVITY:

Cefprozil monohydrate (Cefzil) is a second-generation cephalosporin type antibiotic. Target: Antibacterial Cefprozil, sometimes spelled cefproxil and marketed under the trade name Cefzil, is a second-generation cephalosporin type antibiotic. In Europe it is marketed using the trade names Procef and Cronocéf. It can be used to treat bronchitis, ear infections, skin infections, and other bacterial infections. It comes as a tablet and as a liquid suspension. From Wikipedia.

References:

[1]. <http://en.wikipedia.org/wiki/Cefprozil>

CAIndexNames:

5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-(1-propen-1-yl)-, hydrate (1:1), (6R,7R)-

SMILES:

OC(C(N1[C@@]2([H])[C@H](NC([C@@H](C3=CC=C(O)C=C3)N)=O)C1=O)=C(CS2)/C=C/C)=O.O

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

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