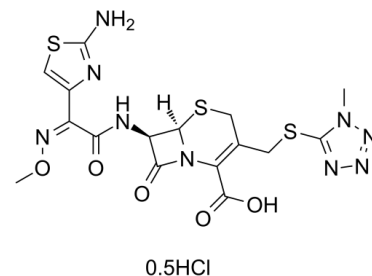


Data Sheet

Product Name:	Cefmenoxime (hydrochloride)
Cat. No.:	CS-4302
CAS No.:	75738-58-8
Molecular Formula:	C ₁₆ H ₁₇ N ₉ O ₅ S ₃ . 1/2 HCl
Molecular Weight:	529.79
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : 65 mg/mL (122.69 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

Cefmenoxime hydrochloride is a third-generation cephalosporin antibiotic.

References:

- [1]. Yokota N, et al. Antibacterial activities of cefmenoxime against recent fresh clinical isolates from patients in sinusitis. Jpn J Antibiot. 1995 May;48(5):602-9.
- [2]. Paladino JA, et al. Pharmacoeconomic analysis of cefmenoxime dual individualization in the treatment of nosocomial pneumonia. Ann Pharmacother. 1994 Mar;28(3):384-9.
- [3]. Duncker GI, et al. Cefmenoxime in corneal organ culture. Ophthalmologica. 1994;208(5):262-6.

CAIndexNames:

5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2Z)-(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-, hydrochloride (2:1), (6R,7R)-

SMILES:

O=C(C(N12)=C(CSC3=NN=NN3C)CS[C@]2([H])[C@H](NC(/C(C4=CSC(N)=N4)=N\OC)=O)C1=O)O.[0.5HCl]

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

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