
Product Data Sheet

Product Name: Ceftiofur HCl

Cat. No.: GC11235

Chemical Properties

Cas. No. 103980-44-5

Chemical Name (6R,7R)-7-[[[(2Z)-2-(2-amino-1,3-thiazol-4-yl)-2-methoxyiminoacetyl]amino]-3-(furan-2-carbonylsulfanylmethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid;hydrochloride

SMILES CON=C(C1=CSC(=N1)N)C(=O)NC2C3N(C2=O)C(=C(CS3)CSC(=O)C4=CC=CO4)C(=O)O.ClFormula $C_{19}H_{17}N_5O_7S_3.HCl$

M.Wt 560.02

Solubility $\geq 21.8\text{mg/mL}$ in DMSOStorage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ceftiofur HCl

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

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