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## Product Data Sheet

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Product Name: Flomoxef sodium

Cat. No.: GC36054

**Chemical Properties**

Cas. No. 92823-03-5

SMILES O=C(C(N12)=C(CSC3=NN=NN3CCO)CO[C@]2([H])[C@](OC)(NC(CSC(F)F)=O)C1=O)O[Na]

Formula C15H17F2N6NaO7S2

M.Wt 518.45

Solubility DMSO :  $\geq 250$  mg/mL (482.21 mM); H<sub>2</sub>O : 250 mg/mL  
(482.21 mM; Need ultrasonic)

Store  
Storage 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**

Flomoxef sodium is a oxacephem group antibiotic, with excellent activity against various Gram-positive bacteria[1][2].

[1]. Yazawa K, et al. In-vitro activity of flomoxef, a new oxacephem group antibiotic, against Nocardia in comparison with other cephalosporins. J Antimicrob Chemother. 1989 Dec;24(6):921-5. [2]. Simon C, et al. In vitro activity of flomoxef in comparison to other cephalosporins. Infection. 1988 Mar-Apr;16(2):131-4.

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

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