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## Product Data Sheet

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Product Name: Ceftriaxone Sodium Trihydrate

Cat. No.: GC11349

### Chemical Properties

Cas. No. 104376-79-6

SMILES O=C1N(C(C([O-])=O)=C2CSC(N(C)N=C3[O-])=NC3=O)[C@H](SC2)[C@@H]1NC(/C(C4=CSC(N)=N4)=N\OC)=O.[Na+].[Na+].[3.5H2O]

Formula  $C_{18}H_{16}N_8O_7S_3 \cdot 7/2H_2O \cdot 2Na$  M.Wt 661.6

Solubility  $\geq 26.3\text{mg/mL}$  in DMSO with gentle warming Storage Store at  $-20^\circ\text{C}$

General tips For obtaining a higher solubility , please warm the tube at  $37^\circ\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^\circ\text{C}$  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

Ceftriaxone sodium hydrate is an antibiotic useful for the treatment of a number of bacterial infections; a third-generation cephalosporin.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA