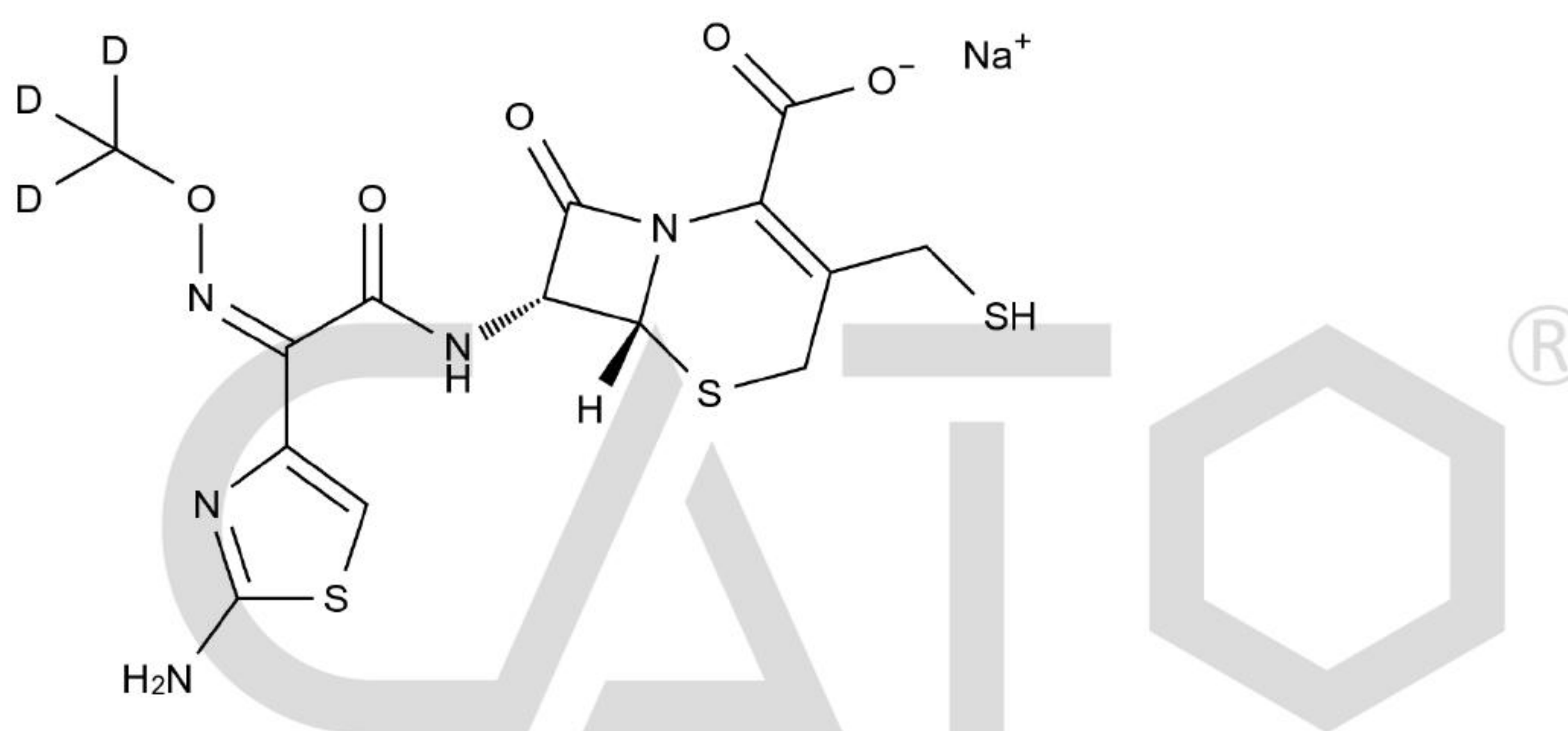


Certificate of Analysis

Reference Material & Standard

Product Name:	Desfuroyl Ceftiofur Sodium-d3	Catalogue Number:	CCAD304318
Synonyms:	N/A	Lot Number:	0203-RH-0015
CAS Number:	N/A	Expiry Date:	Sep 25, 2028
Molecular Formula:	C ₁₄ H ₁₁ D ₃ N ₅ O ₅ S ₃ Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	431.50 22.99	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	96.7%
Isotopic Purity		100.0%
Uncertainty		±0.7%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin lam

Approved by General Manager:

David

Date: Feb 10, 2026

Date: Feb 11, 2026

Date: Feb 11, 2026

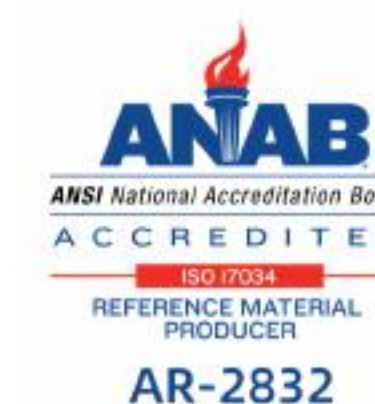
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: [Https://www.cato-chem.com](https://www.cato-chem.com)

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