

# Certificate of Analysis

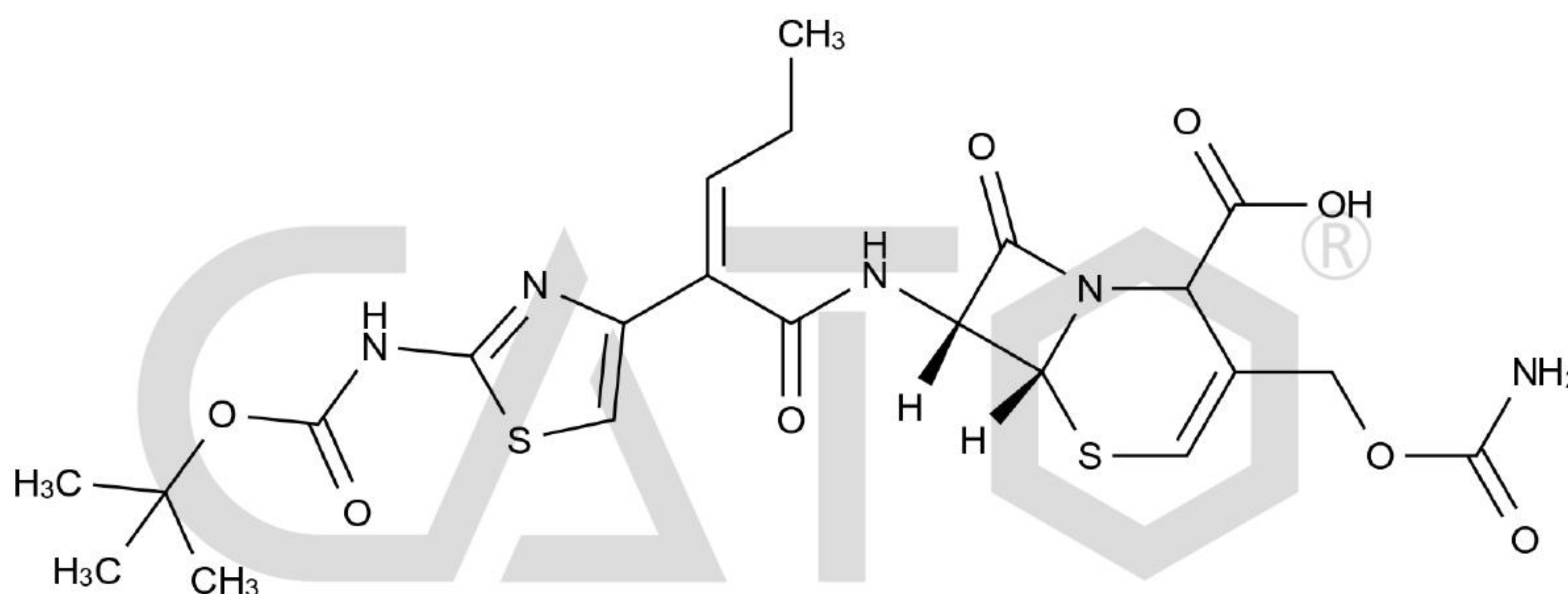
## Reference Material & Standard

|                    |                                                                              |                     |                                           |
|--------------------|------------------------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Cefcapene Impurity 46                                                        | Catalogue Number:   | C4X-182446                                |
| Synonyms:          | N/A                                                                          | Lot Number:         | 0520-RG-0004                              |
| CAS Number:        | N/A                                                                          | Expiry Date:        | May 18, 2028                              |
| Molecular Formula: | C <sub>22</sub> H <sub>27</sub> N <sub>5</sub> O <sub>8</sub> S <sub>2</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 553.61                                                                       | Shipping Condition: | Shipping with Ice Packs                   |

Warning:



Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&IR&CNMR&HNMR | Confirmed       |
| Purity         | HPLC              | 95.6%           |
| Assay          | qNMR              | 91.4%           |

Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Mar 31, 2026

Date: Mar 31, 2026

Date: Mar 31, 2026



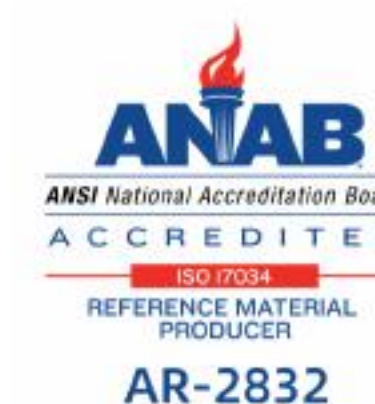
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 9



Official WeChat