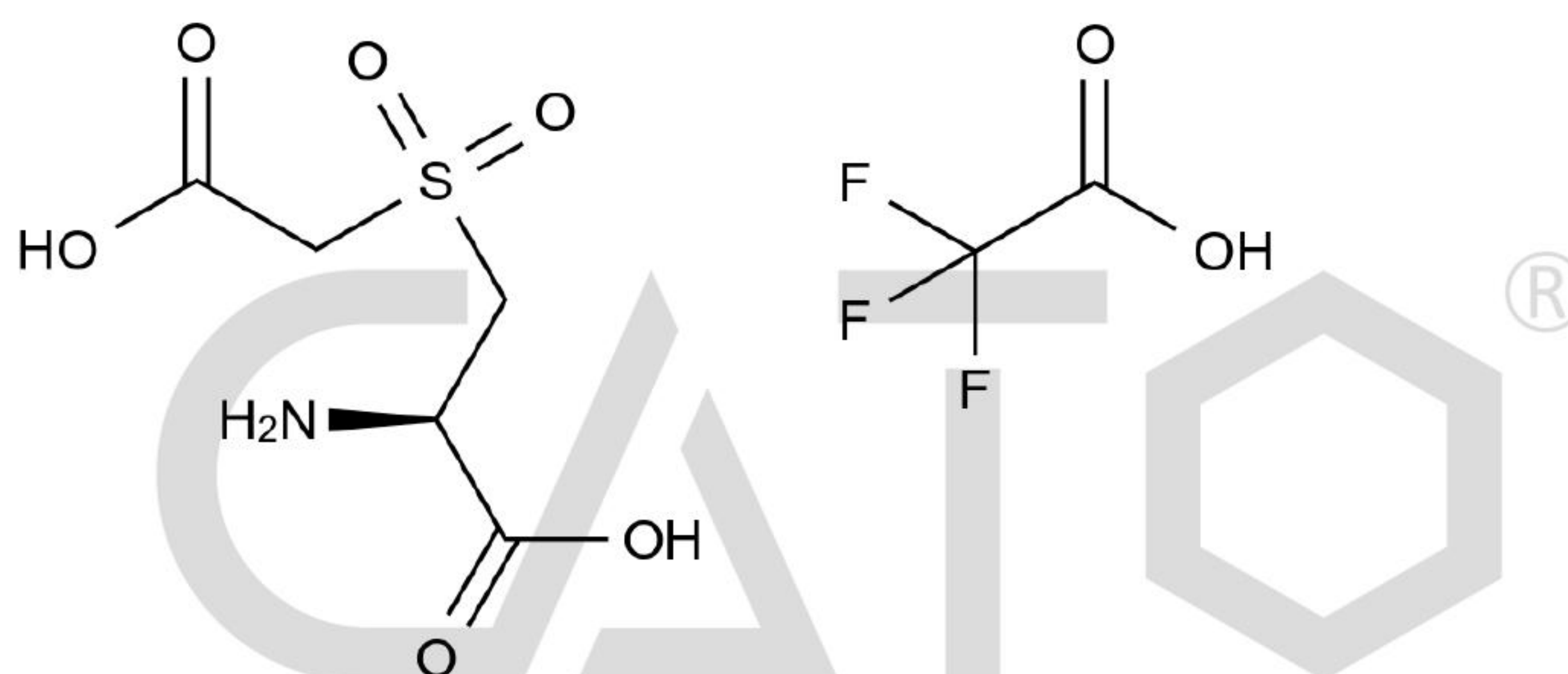


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbocisteine Impurity 4 TFA (Mixture of diastereomers)	Catalogue Number:	C4X-201047
Synonyms:	N/A	Lot Number:	1205-RG-0072
CAS Number:	25515-73-5(free base)	Expiry Date:	Oct 23, 2029
Molecular Formula:	C ₅ H ₉ NO ₆ S C ₂ HF ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	211.19 114.02	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.9%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 16, 2025

Date: Dec 16, 2025

Date: Dec 16, 2025



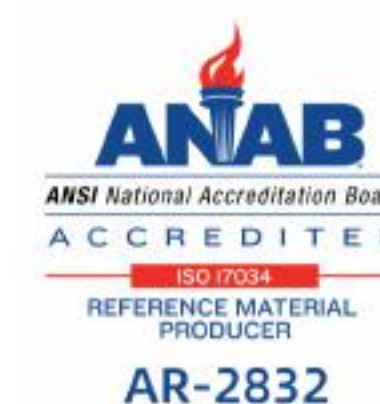
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 5



Official WeChat