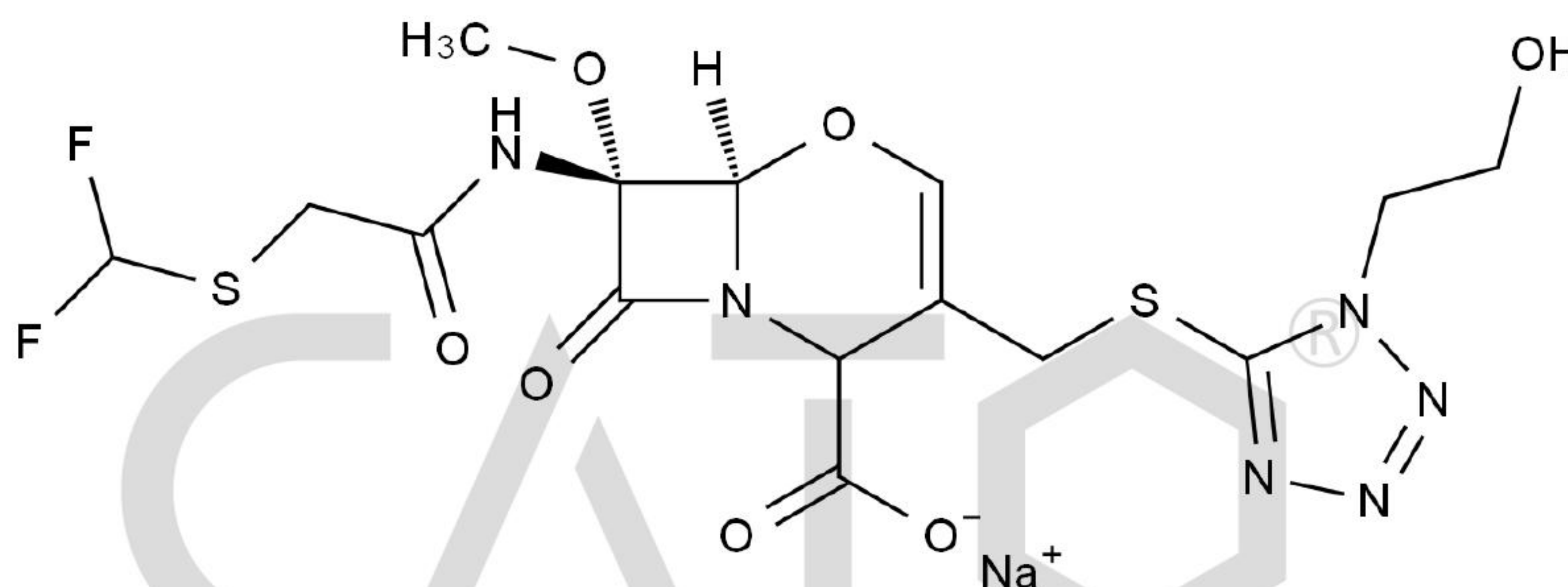


Certificate of Analysis

Reference Material & Standard

Product Name:	Flomoxef Impurity 9 Sodium Sal	Catalogue Number:	C4X-13829
Synonyms:	N/A	Lot Number:	0422-RC-0006
CAS Number:	2095697-77-9 (free acid)	Expiry Date:	Apr 11, 2024
Molecular Formula:	C ₁₅ H ₁₇ F ₂ N ₆ O ₇ S ₂ Na	Storage:	-20±2°C Dark and Sealed
Molecular Weight:	495.46 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9772%
Water Content	Karl Fischer	2.5%
Residual Solvents	NMR	0.2% acetonitrile
Assay		97.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Debia

Approved by General Manager:

David

Date: Apr 22, 2021

Date: Apr 22, 2021

Date: Apr 22, 2021



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