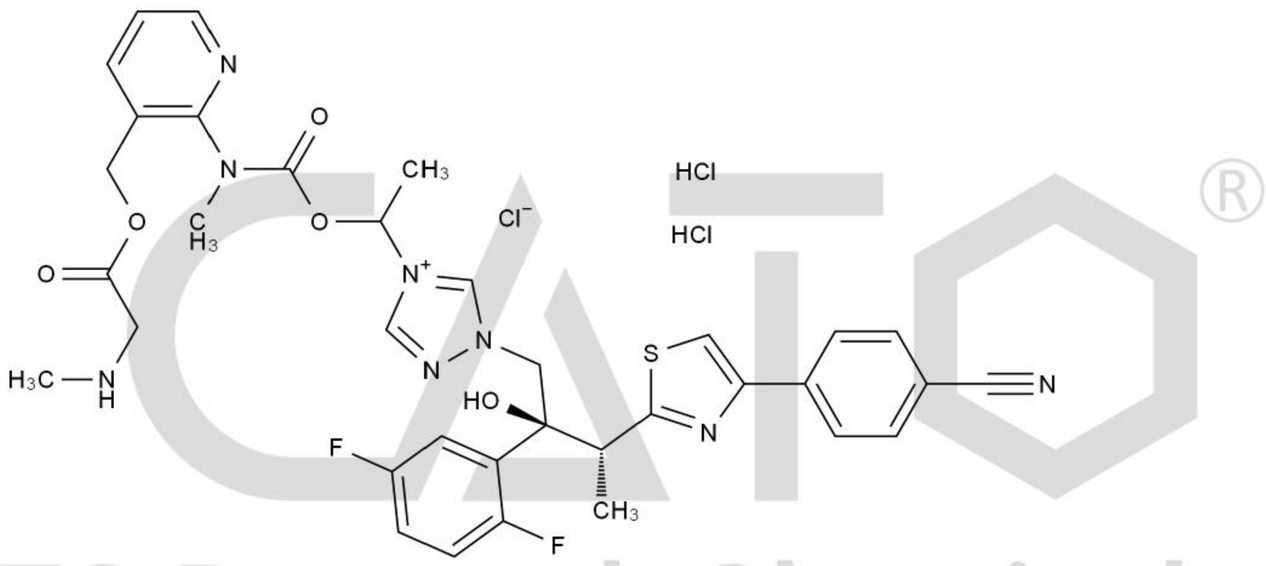
Certificate of Analysis

Reference Material & Standard

Product Name:	Isavuconazole Impurity 42 Chloride DiHCl (Mixture of Diastereomers)	**Catalogue Number:**	C4X-123642
Synonyms:	N/A	**Lot Number:**	0422-RF-0015
CAS Number:	742049-41-8(free base)	**Expiry Date:**	Apr 28, 2027
Molecular Formula:	$C_{35}H_{35}F_2N_8O_5S$ 2*HCl Cl	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	717.76 2*36.46 35.45	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.3%
Assay	qNMR	84.5%

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by: Koji Date: Jun 06, 2024

Reviewed by: Lisa Date: Jun 06, 2024

Approved by General Manager: David Date: Jun 06, 2024

CATO Research Chemicals Inc.