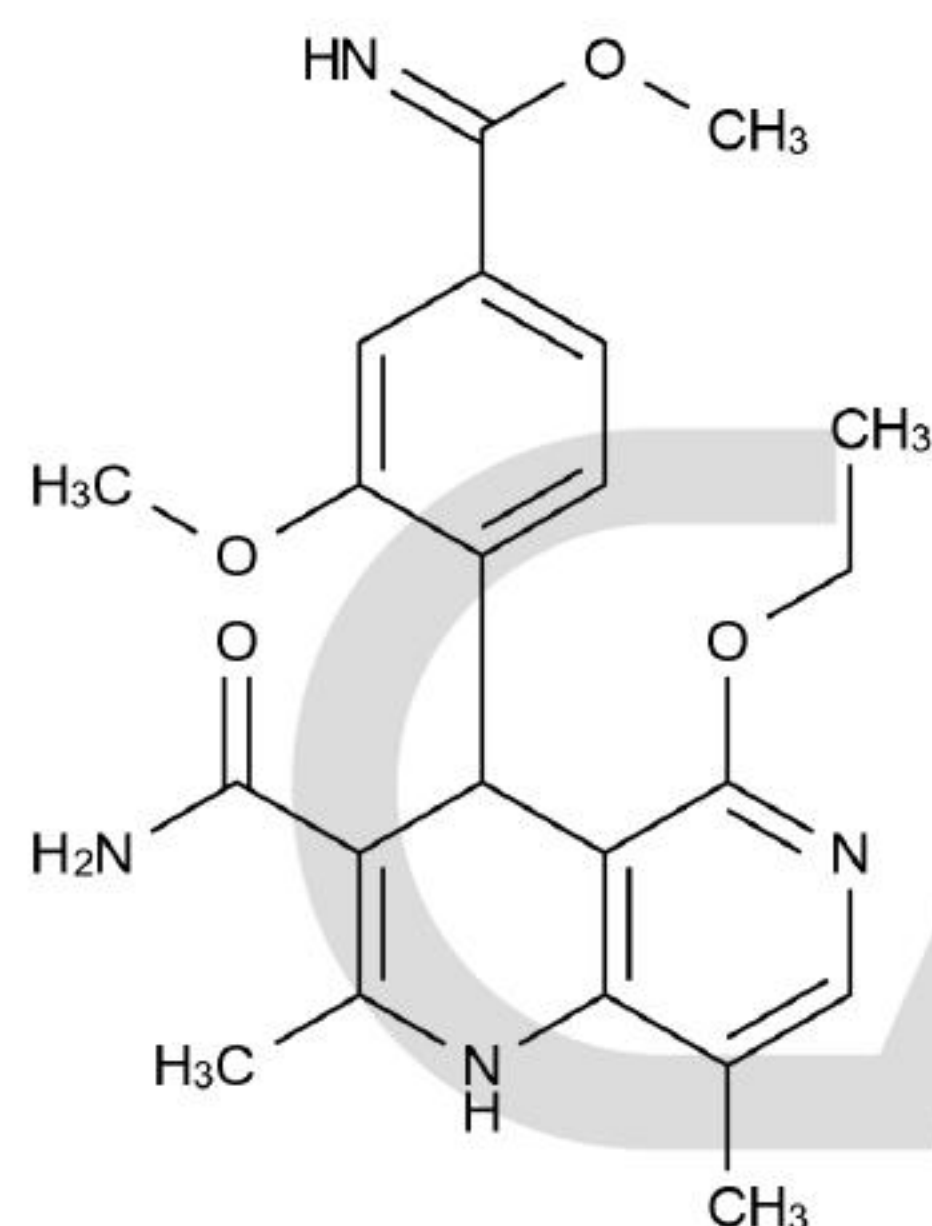


Certificate of Analysis

Reference Material & Standard

Product Name:	Finerenone Impurity 5	Catalogue Number:	C4X-28805
Synonyms:	Methyl 4-(3-carbamoyl-5-ethoxy-2,8-dimethyl-1,4-dihydro-1,6-naphthyridin-4-yl)-3-methoxybenzenecarboximidate	Lot Number:	0313-RH-0056
CAS Number:	2640280-82-4	Expiry Date:	Apr 01, 2030
Molecular Formula:	C ₂₂ H ₂₆ N ₄ O ₄	Storage:	-20°C±5°C Sealed
Molecular Weight:	410.47	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.956%
Residue on Ignition	TGA	0.2316%
Loss on Drying	TGA	4.1535%
Assay	qNMR	92.0%
Assay	Mass Balance	92.7%

Comment:

- The retest date of this product is Apr 01, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Apr 02, 2026

Date: Apr 02, 2026

Date: Apr 02, 2026



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