CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

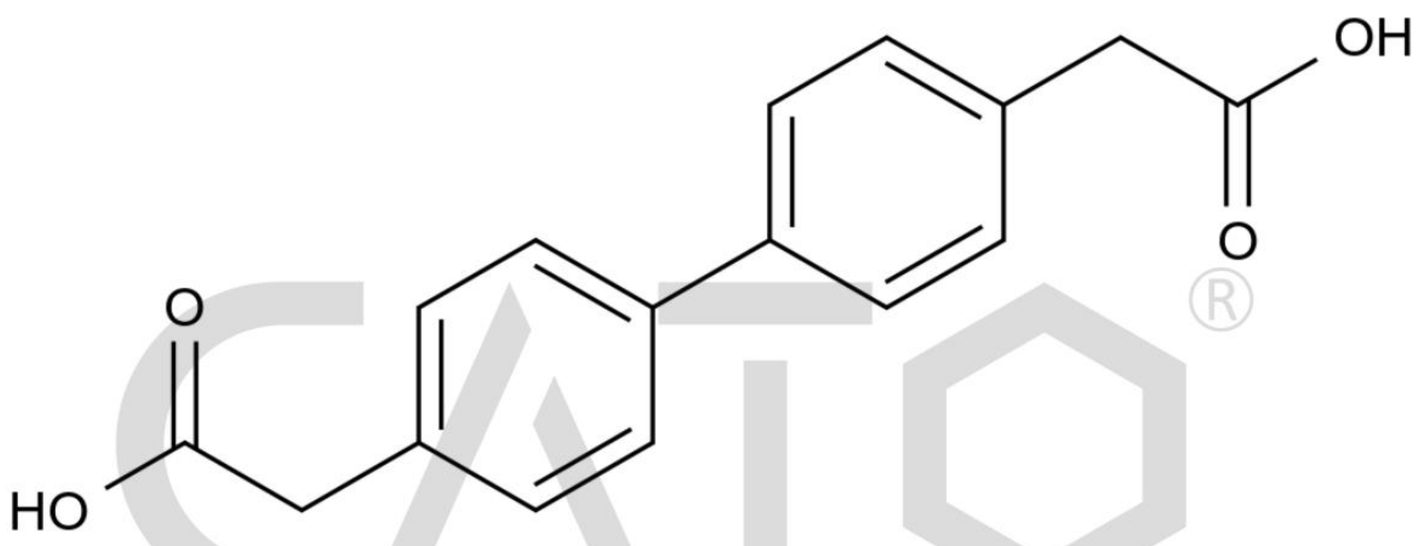
No.: 202602060007

Certificate of Analysis

Reference Material & Standard

Product Name:	Felbinac Impurity 5	**Catalogue Number:**	C4X-25285
Synonyms:	N/A	**Lot Number:**	0210-RH-0014
CAS Number:	19806-14-5	**Expiry Date:**	Feb 11, 2030
Molecular Formula:	$C_{16}H_{14}O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	270.28	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.225%
Loss On Drying	TGA	0.0729%
Assay		95.2%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) /100%*
Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Feb 12, 2026

Reviewed by: Lisa Date: Feb 12, 2026

Approved by General Manager: David Date: Feb 12, 2026

CATO Research Chemicals Inc.

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

ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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