

Certificate of Analysis

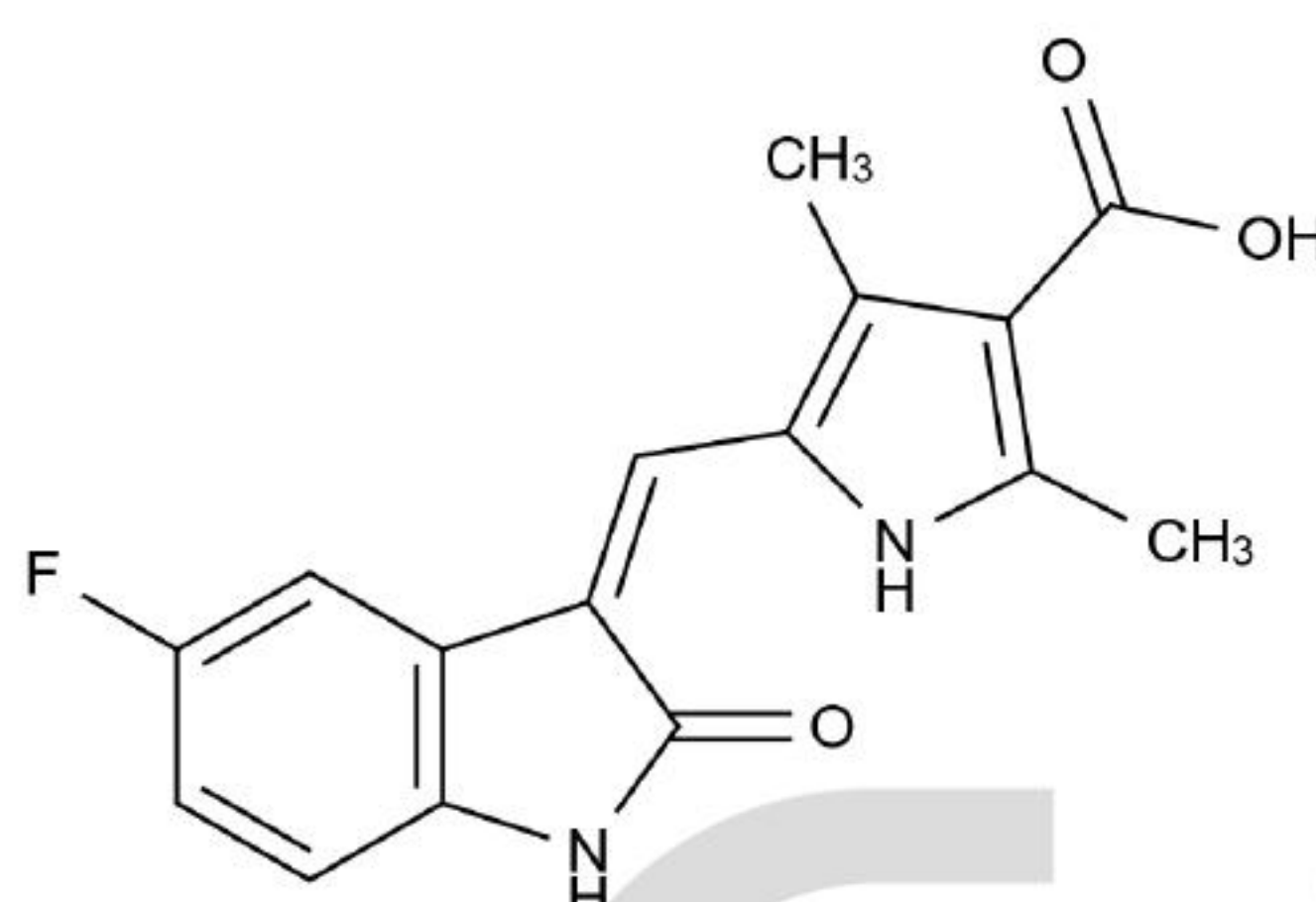
Reference Material & Standard

Product Name:	(Z)-5-((5-Fluoro-2-oxoindolin-3-ylidene)methyl)-2,4-dimethyl-1H-pyrrole-3-carboxylic acid	Catalogue Number:	C1896849
Synonyms:	N/A	Lot Number:	0416-RG-0038
CAS Number:	356068-93-4	Expiry Date:	Apr 23, 2028
Molecular Formula:	C ₁₆ H ₁₃ FN ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.28		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.570%
Loss on Drying	TGA	2.303%
Assay		97.3%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 24, 2025

Date: Apr 24, 2025

Date: Apr 24, 2025



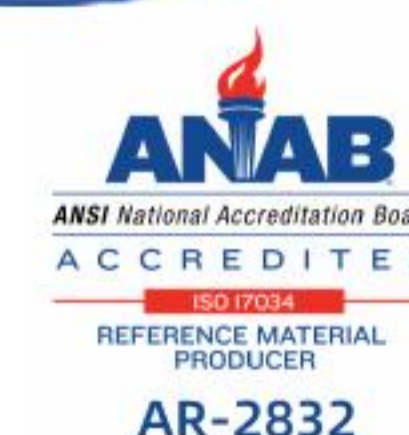
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official
WeChat