

CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number TRC-T525503

Lot Number 18-JPO-130-1

Product Name

Toceranib Phosphate

Synonyms

PHA 291639E; 5-[(Z)-(5-Fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)methyl]-2,4dimethyl-N-[2-(1-pyrrolidinyl)ethyl]-1H-pyrrole-3-carboxamide Phosphate

CAS Number

Solubility

874819-74-6

DMSO (Slightly, Heated)

Molecular Formula

Source of Product

C₂₂H₂₅FN₄O₂ • H₃PO₄

Purity

N/A

Molecular Weight 396.47 + (97.99)

98%

Structure

Shipping Condition

This Product Is Stable To Be Shipped At Room

Temperature

Long Term Storage Conditions

-20°C

2. Warnings

Not Determined

3. Analytical Information

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<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Yellow to Dark Orange Solid	Dark Orange Solid
NMR	Conforms to Structure	Conforms
FNMR	Conforms to Structure	Conforms
PNMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.30, %H: 5.75, %N: 11.19
HPLC Purity	>95%	97.63% (205 nm)
MS	Conforms to Structure	Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Ti Oighatai Co					
Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date	
Hanxiang Li	And the state of t	ubmy	3/17/2021	3/15/2025	
Hanxiang Li	Toni Rantanen	My Nguyen			
Product Quality Specialist	Manager Quality Assurance	Quality Assurance Associate			