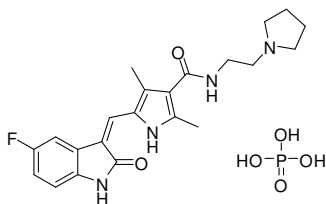




Certificate of Analysis

Axon Catalogue ID: 3624 **Batch Number:** 1
Product Name: Toceranib phosphate
Alternative Name(s): SU11654; PHA291639
IUPAC Name: (Z)-5-((5-Fluoro-2-oxoindolin-3-ylidene)methyl)-2,4-dimethyl-N-(2-(pyrrolidin-1-yl)ethyl)-1H-pyrrole-3-carboxamide phosphate

Structure:



Amount:

CAS number(s): 356068-94-5 (parent), 874819-74-6 (phosphate (1:1))
Molecular Formula: C₂₂H₂₅FN₄O₂.H₃PO₄ **Molecular Weight:** 494.45
Batch Molecular Formula: C₂₂H₂₅FN₄O₂.H₃PO₄.0.25H₂O **Batch Molecular Weight:** 498.96
Appearance: Orange solid **Observed mp:** >280 °C (decomp)
TLC (R_f): 0.1 DCM/MeOH (1:1)
Chemical Purity: 99.4%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.96, H 5.76, N 11.23; Found: C 52.93, H 5.68, N 11.15
Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	8.4	16.8	* Warming (50°C) and sonication
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	26.0	52.1	* Warming (50°C) and sonication
EtOH	0.0	0.0	Insoluble

Remarks: * Warming (50°C) and sonication enhanced solubility.

QC Date: 14-6-2022

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only