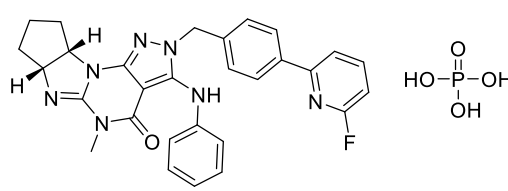


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
522622	ITI-214 phosphate	S9S05C01

Chemical name	
(6aR,9aS)-2-(4-(6-fluoropyridin-2-yl)benzyl)-5-methyl-3-(phenylamino)-5,6a,7,8,9,9a-hexahydrocyclopenta[4,5]imidazo[1,2-a]pyrazolo[4,3-e]pyrimidin-4(2H)-one phosphate	
Synonyms	
ITI-214; ITI 214; ITI214; ITI-214 phosphate salt.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 522622 Name: ITI-214 phosphate CAS#: 1642303-38-5 (phosphate) Lot#: S9S05C01 Chemical Formula: C ₂₉ H ₂₉ FN ₇ O ₅ P Molecular Weight: 605.57

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE