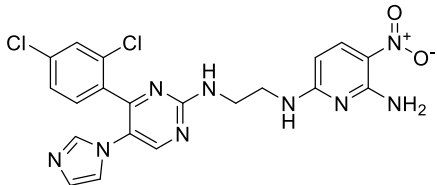


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
510328	CHIR98014	BBC50628

Chemical name	
N6-[2-[[4-(2,4-Dichlorophenyl)-5-(1H-imidazol-1-yl)-2-pyrimidinyl]amino]ethyl]-3-nitro-2,6-pyridinediamine	
Synonyms	
CHIR98014; CHIR-98014; CHIR 98014; CT 98014; CT98014; CT-98014; CHIR98024 isomer; CHIR 98024 isomer; CHIR-98024 isomer; CT98024 isomer; CT 98024 isomer; CT-98024 isomer	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 510328 Name: CHIR98014 CAS#: 252935-94-7 Lot#: BBC50628 Chemical Formula: C ₂₀ H ₁₇ Cl ₂ N ₉ O ₂ Exact Mass: 485.08823 Molecular Weight: 486.31

Analysis item	Specifications / Results
Appearance	Yellow 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
Self life	At least 5 years if properly stored.

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