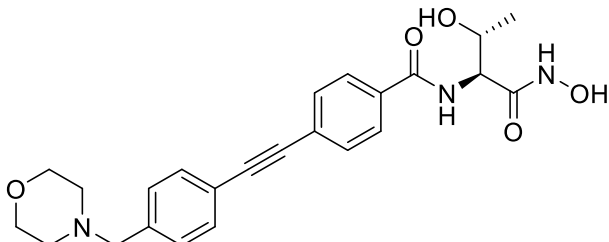


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
526733	CHIR-090	B7B09C11

Chemical name	
N-[(2S,3R)-3-hydroxy-1-(hydroxyamino)-1-oxobutan-2-yl]-4-[2-[4-(morpholin-4-ylmethyl)phenyl]ethynyl]benzamide	
Synonyms	
CHIR-090; CHIR 090; CHIR090	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 526733 Name: CHIR-090 CAS#: 728865-23-4 Lot#: B7B09C11 Chemical Formula: C ₂₄ H ₂₇ N ₃ O ₅ Exact Mass: 437.1951 Molecular Weight: 437.50

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