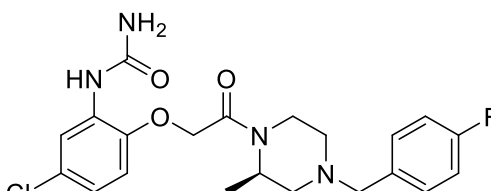


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
510311	BX-471	BBC51019

Chemical name	
(R)-1-(5-chloro-2-(2-(4-(4-fluorobenzyl)-2-methylpiperazin-1-yl)-2-oxoethoxy)phenyl)urea	
Synonyms	
BX-471; BX 471; BX471; ZK-811752; ZK 811752; ZK811752.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 510311 Name: BX-471 CAS#: 217645-70-0 Lot#: BBC51019 Chemical Formula: C ₂₁ H ₂₄ ClFN ₄ O ₃ Exact Mass: 434.15210 Molecular Weight: 434.89

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)	>99.0%
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