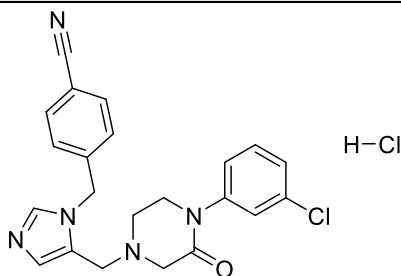


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206097	L-778123 HCl	T9Z03C29

Chemical name	
4-((5-((4-(3-chlorophenyl)-3-oxopiperazin-1-yl)methyl)-1H-imidazol-1-yl)methyl)benzonitrile hydrochloride	
Synonyms	
L778123; L-778123; L 778123; L778,123; L-778,123; L 778,123 HCl	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206097 Name: L-778123 HCl CAS#: 253863-00-2 (HCl) Lot#: T9Z03C29 Chemical Formula: C ₂₂ H ₂₁ Cl ₂ N ₅ O Molecular Weight: 442.34

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