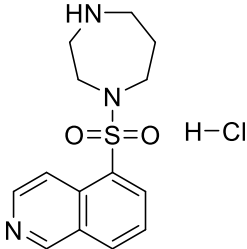




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407104	Fasudil hydrochloride	LC-80702

Chemical name	
5-((1,4-diazepan-1-yl)sulfonyl)isoquinoline hydrochloride	
Synonyms	
HA-1077; HA1077; HA 1077; HA-1077 HCl; Fasudil hydrochloride.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407104 Name: Fasudil hydrochloride CAS#: 105628-07-7 (HCl) Lot# LC-80702 Chemical Formula: C ₁₄ H ₁₈ ClN ₃ O ₂ S Exact Mass: 327.0808 Molecular Weight: 327.827

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