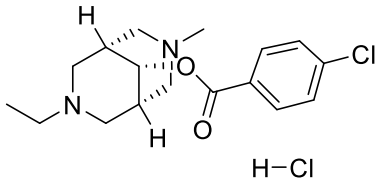




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
328010	Bisaramil HCl	Y23X08M09

Chemical name	
(1R,5S,9s)-3-ethyl-7-methyl-3,7-diazabicyclo[3.3.1]nonan-9-yl 4-chlorobenzoate hydrochloride	
Synonyms	
Bisaramil hydrochloride; Bisaramil HCl; NK-1556; NK 1556; NK1556; RGH-2957; RGH 2957; RGH2957; α -Yutac	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328010 Name: Bisaramil HCl CAS#: 96480-44-3 (HCl) Lot#: Y23X08M09 Chemical Formular: C ₁₇ H ₂₄ Cl ₂ N ₂ O ₂ Exact Mass: 322.145 Molecular Weight: 359.29

Analysis item	Specifications / Results
Appearance	Light 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%
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 3 years if properly stored.

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