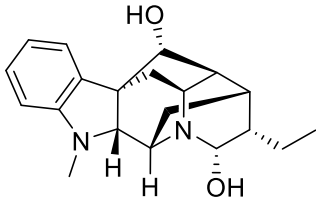




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329405	Ajmaline	A9T07K26

Chemical name	
(5aR,6S,8S,9S,10R,11S,11aS,12aR,13R)-9-ethyl-5-methyl-5a,6,8,9,10,11,11a,12-octahydro-5H-6,10:11,12a-dimethanoindolo[3,2-b]quinolizine-8,13-diol	
Synonyms	
(+)-Ajmaline; Cardiorythmine; Gilurytmal; Ignazin; Merabitol; NSC 15627; Raugalline; Rauwolfia; Rauwolfine; Rhytmaton; Ritmos; Rytmalin; Siddiqui; Tachmalin; Takycor;	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329405 Name: Ajmaline CAS#: 4360-12-7 (free base) Lot#: A9T07K26 Chemical Formula: C ₂₀ H ₂₆ N ₂ O ₂ Exact Mass: 326.1994 Molecular Weight: 326.44

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	Solubility 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