

Product Name : Ajmaline
Catalog Number : T4550
CAS Number : 4360-12-7
Molecular Formula : C₂₀H₂₆N₂O₂
Molecular Weight : 326.40
Appearance : Solid
Melting Point : 189°C

Description: Ajmaline is a class Ia anti-arrhythmic compound that is widely used for the diagnosis of Brugada syndrome and the acute treatment of atrial or ventricular tachycardia. Ajmaline inhibits cardiac Kv1.5 and Kv4.3 channels at therapeutic concentrations.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Solubility	Chloroform	Soluble
	DMSO	59 mg/mL (180.8 mM)
	(< 1 mg/ml refers to the product slightly soluble or insoluble)	

Reference

1. Fischer F, et al. Inhibition of cardiac Kv1.5 and Kv4.3 potassium channels by the class Ia anti-arrhythmic ajmaline: mode of action.[J]. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386(11):991-999.

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