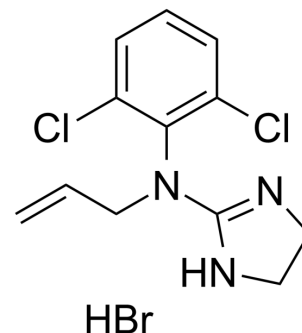


Alinidine hydrobromide

Cat. No.:	HY-106688A
CAS No.:	71306-36-0
Molecular Formula:	C ₁₂ H ₁₄ BrCl ₂ N ₃
Molecular Weight:	351.07
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (284.84 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8484 mL	14.2422 mL	28.4843 mL
	5 mM	0.5697 mL	2.8484 mL	5.6969 mL
	10 mM	0.2848 mL	1.4242 mL	2.8484 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Alinidine hydrobromide is a specific bradycardic agent. Alinidine hydrobromide reduces the slope of the diastolic depolarization in sinoatrial tissue and Purkinje fibers^[1].

REFERENCES

[1]. Snyders DJ, et al. Alinidine modifies the pacemaker current in sheep Purkinje fibers. Pflugers Arch. 1987;410(1-2):83-91.

Caution: Product has not been fully validated for medical applications. For research use only.

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