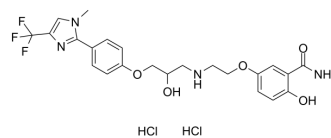


CGP 20712 dihydrochloride

Cat. No.:	HY-101355A
CAS No.:	1216905-73-5
Molecular Formula:	C ₂₃ H ₂₇ Cl ₂ F ₃ N ₄ O ₅
Molecular Weight:	567.39
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description CGP 20712 dihydrochloride is a highly selective β 1-adrenoceptor antagonist with an IC₅₀ of 0.7 nM. CGP 20712 dihydrochloride exhibits ~10,000-fold selectivity over β 2-adrenoceptors^[1].

REFERENCES

- [1]. Kitagawa Y, et al. Determination of beta-adrenoceptor subtype on rat isolated ventricular myocytes by use of highly selective beta-antagonists. Br J Pharmacol. 1995 Sep;116(1):1635-43.
- [2]. Dooley DJ, et al. CGP 20712 A: a useful tool for quantitating beta 1- and beta 2-adrenoceptors. Eur J Pharmacol. 1986 Oct 14;130(1-2):137-9.
- [3]. Kitagawa Y, et al. Determination of beta-adrenoceptor subtype on rat isolated ventricular myocytes by use of highly selective beta-antagonists. Br J Pharmacol. 1995 Sep;116(1):1635-43.

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

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