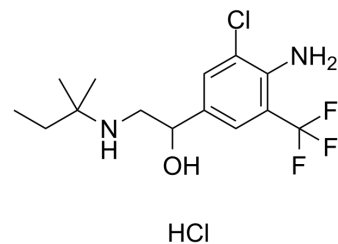


Mapenterol hydrochloride

Cat. No.:	HY-136435
CAS No.:	54238-51-6
Molecular Formula:	C ₁₄ H ₂₁ Cl ₂ F ₃ N ₂ O
Molecular Weight:	361.23
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
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

H₂O : 25 mg/mL (69.21 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7683 mL	13.8416 mL	27.6832 mL
	5 mM	0.5537 mL	2.7683 mL	5.5366 mL
	10 mM	0.2768 mL	1.3842 mL	2.7683 mL

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

BIOLOGICAL ACTIVITY

Description

Mapenterol hydrochloride is a type of β₂-adrenoceptor agonist^[1].

REFERENCES

[1]. Shuyun Bi, et al. Study on the interactions of mapenterol with serum albumins using multi-spectroscopy and molecular docking. Luminescence. 2016 Mar;31(2):372-379.

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

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