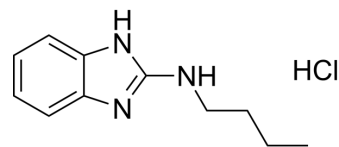


M084 hydrochloride

Cat. No.:	HY-110379
CAS No.:	1992047-63-8
Molecular Formula:	C ₁₁ H ₁₆ ClN ₃
Molecular Weight:	225.72
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	M084 hydrochloride is a TRPC4/5 channel blocker, with IC ₅₀ values of 10.3 μM and 8.2 μM, respectively. M084 hydrochloride has antidepressant and anxiolytic effects ^{[1][2]} .
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REFERENCES

- [1]. Yang LP, et al. Acute Treatment with a Novel TRPC4/C5 Channel Inhibitor Produces Antidepressant and Anxiolytic-Like Effects in Mice. PLoS One. 2015 Aug 28;10(8):e0136255.
- [2]. Zhu Y, et al. Identification and optimization of 2-aminobenzimidazole derivatives as novel inhibitors of TRPC4 and TRPC5 channels. Br J Pharmacol. 2015 Jul;172(14):3495-509.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA