

## M 084 hydrochloride

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	TRPC4/5 channel blocker (IC50 values are 3.7-10.3 and 8.2 $\mu$ M, respectively). Also weakly blocks TRPC3 channels. Exhibits rapid antidepressant and anxiolytic effects in vivo.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Zhu et al (2015) Identification and optimization of 2-aminobenzimidazole derivatives as novel inhibitors of TRPC4 and TRPC5 channels. Br.J.Pharmacol. 172 3495 PMID:25816897

Yang et al (2015) Acute treatment with a novel TRPC4/C5 channel inhibitor produces antidepressant and anxiolytic-like effects in mice. PLoS One 10 e0136255 PMID:26317356

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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