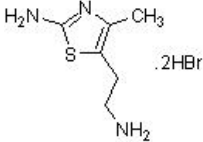


# Amthamine dihydrobromide, H2 agonist ab120778

[1 References](#) [2 图像](#)

### 概述

产品名称	Amthamine dihydrobromide, H2激动剂
描述	Selective H <sub>2</sub> 激动剂
生物学描述	Selective H <sub>2</sub> agonist (pK <sub>i</sub> = 5.2). Weak antagonist of H <sub>3</sub> and displays no activity at H <sub>1</sub> . Increases gastric acid secretion. Additionally increases blood pressure.
纯度	> 99%
CAS编号	142457-00-9
化学结构	

### 性能

化学名称	2-Amino-4-methyl-5-thiazoleethanamine dihydrobromide
分子量	319.06
分子式	C <sub>6</sub> H <sub>11</sub> N <sub>3</sub> S.2HBr
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
来源	Synthetic

### 应用

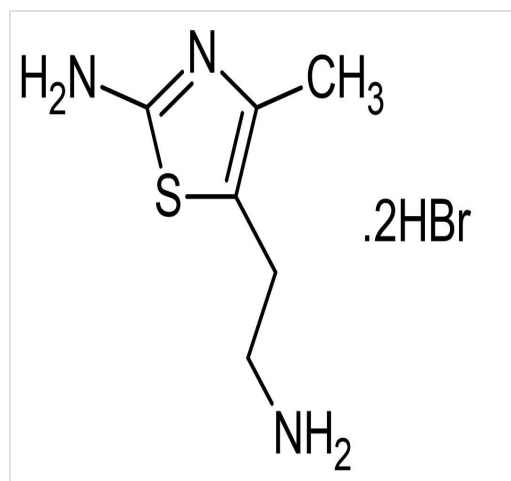
## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab120778 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

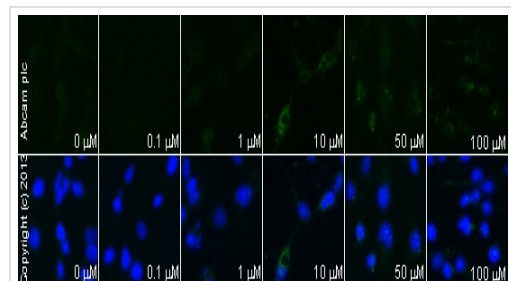
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



Chemical Structure - Amthamine dihydrobromide, H<sub>2</sub> agonist (ab120778)

2D chemical structure image of ab120778, Amthamine dihydrobromide, H<sub>2</sub> agonist



Functional Studies - Amthamine dihydrobromide, H<sub>2</sub> agonist (ab120778)

**ab78079** staining PKA R2 (phospho S96) in HepG2 cells treated with amthamine dihydrobromide (ab120778), by ICC/IF. Increase of PKA R2 (phospho S96) expression correlates with increased concentration of amthamine dihydrobromide, as described in literature.

The cells were incubated at 37°C for 60 minutes in media containing different concentrations of ab120778 (amthamine dihydrobromide) in DMSO, fixed with 100% methanol for 5 minutes at -20°C and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab78079** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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