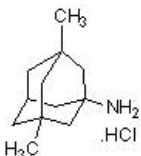


# Memantine hydrochloride, NMDA antagonist ab120249

[1 References](#) [2 图像](#)

### 概述

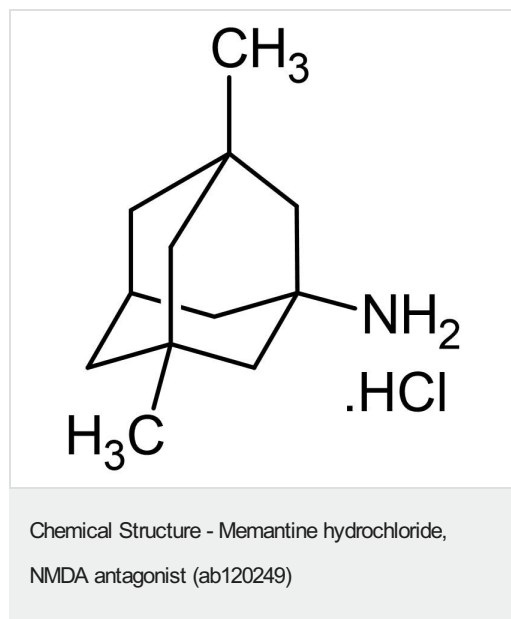
产品名称	Memantine hydrochloride, NMDA拮抗剂
描述	NMDA拮抗剂, ion channel site
生物学描述	Antagonist at the NMDA receptor. Acts as a fast, voltage-dependent, open channel NMDA receptor blocker. Used in the clinic to treat Alzheimer's disease. Cognitive enhancer and anxiolytic <i>in vivo</i> .  Also available in simple stock solutions ( <a href="#">ab146687</a> ) - add 1 ml of water to get an exact, ready-to-use concentration.
CAS编号	41100-52-1
化学结构	

### 性能

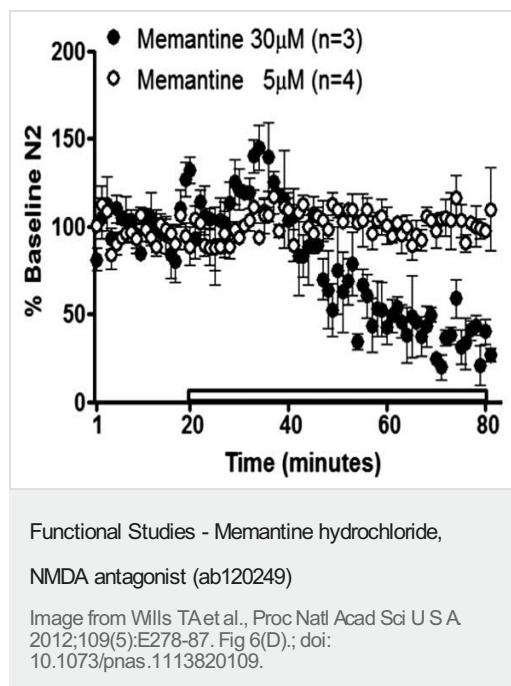
化学名称	3,5-Dimethyl-1-adamantanamine hydrochloride
分子量	215.77
分子式	C <sub>12</sub> H <sub>21</sub> N.HCl
PubChem识别号	181458
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in water to 100 mM
处理	Wherever possible, you should prepare and use solutions on the same 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.  Refer to SDS for further information  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

**SMILES**Cl.CC13CC2(C)CC(N)(C1)CC(C2)C3**来源**

Synthetic

**图片**

2D chemical structure image of ab120249, Memantine hydrochloride, NMDA antagonist



Averaged time courses of NMDA receptor-isolated synaptic field potentials in dorsal lateral bed nucleus of the stria terminalis following 60 minutes of memantine (5 or 30 μM; ab120249) in naive adult male C57BL/6J mice.

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