

Product datasheet

N-methyl verapamil bromide ab147459

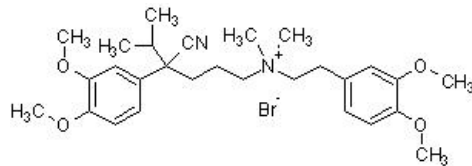
3 References

Overview

<b>Product name</b>	N-methyl verapamil bromide
<b>Description</b>	Intracellular calcium channel blocker
<b>Biological description</b>	Membrane impermeant verapamil derivative. Intracellular calcium channel blocker. Tonicly blocks L-type channels in the inner pore with micromolar affinity. Affinity increases at depolarized membrane potentials. In T-type calcium channels, it blocks with micromolar affinity and has modestly increased affinity at depolarized potentials.

**Purity** > 99%

**Chemical structure**



Properties

<b>Chemical name</b>	[4-Cyano-4-(3,4-dimethoxyphenyl)-5-methylhexyl]-[2-(3-dimethoxyphenyl)ethyl]dimethylammonium bromide
<b>Molecular weight</b>	594.54
<b>Molecular formula</b>	C <sub>28</sub> H <sub>41</sub> BrN <sub>2</sub> O <sub>4</sub>
<b>Storage instructions</b>	Store at Room Temperature. Store at Room Temperature.
<b>Solubility overview</b>	Soluble in water to 100 mM
<b>Handling</b>	<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>Toxic, refer to SDS for further information.</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>
<b>Source</b>	Synthetic

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

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