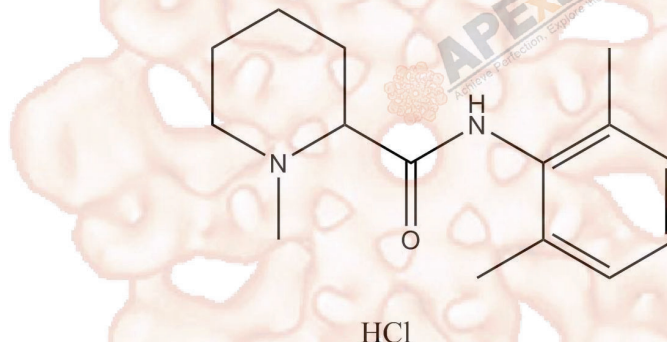


Product Data Sheet

Mepivacaine HCl

Cat. No.: B1967
CAS No.: 1722-62-9
Formula: C₁₅H₂₂N₂O·HCl
M.Wt: 282.81
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥5.8mg/mL in H₂O

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing					
Stock Solutions					
	1 mM		3.5359 mL	17.6797 mL	35.3594 mL
	5 mM		0.7072 mL	3.5359 mL	7.0719 mL
	10 mM		0.3536 mL	1.7680 mL	3.5359 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

local anesthetic

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

Animal experiment

In Vivo

Animal models:

Canis familiaris

Dosage form:

0.514 and 1.542 mg/kg (intraoral infiltrative administration of 2% mepivacaine HCl with 1:20,000 levonordefrin)

Applications:

Cardiovascular alterations (increase in the systolic and the mean arterial blood

	pressures) caused by the administration of 2% mepivacaine HCl with 1:20,000 levonordefrin (Carbocain) in dogs.
Other notes:	Please test the solubility of all compounds indoor, and the actual solubility may slightly differ with the theoretical value. This is caused by an experimental system error and it is normal.

Product Citations

See more customer validations on www.apexbt.com.

References

[1] Simone JL, Tortamano N, Armonia PL, Rocha RG. Cardiovascular alterations caused by the administration of 2% mepivacaine HCl with 1:20,000 levonordefrin (Carbocain) in dogs. Braz Dent J. 1997;8(2):85-90.

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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