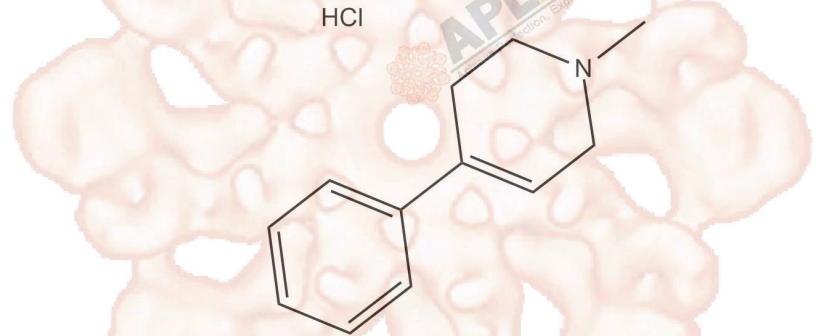


Product Data Sheet

MPTP hydrochloride

Cat. No.:	A3634
CAS No.:	23007-85-4
Formula:	C ₁₂ H ₁₆ CIN
M.Wt:	209.72
Synonyms:	MPTP
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

≥20.52 mg/mL in DMSO with ultrasonic and warming, ≥25.45 mg/mL in EtOH with ultrasonic and warming,
 ≥21 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	1mg	5mg	10mg
			1mM	5mM	10mM
			4.7683 mL	23.8413 mL	47.6826 mL
			0.9537 mL	4.7683 mL	9.5365 mL
			0.4768 mL	2.3841 mL	4.7683 mL

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

Biological Activity

Shortsummary

Dopaminergic neurotoxin, induced reduction in the DOPAC HVA/dopamine (DA) ratio

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

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 APEX BIO 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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

