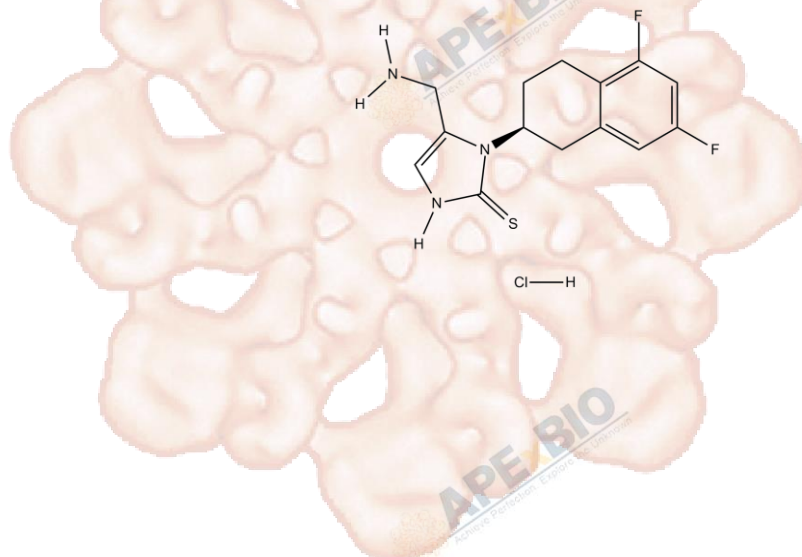


Product Data Sheet

Nepicastat (SYN-117) HCl

Cat. No.:	A4332
CAS No.:	170151-24-3
Formula:	C ₁₄ H ₁₅ F ₂ N ₃ S·HCl
M.Wt:	331.81
Synonyms:	
Target:	Metabolism
Pathway:	Dopamine β-hydroxylase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥16.6 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.0138 mL	15.0689 mL	30.1377 mL
	5 mM	0.6028 mL	3.0138 mL	6.0275 mL
	10 mM	0.3014 mL	1.5069 mL	3.0138 mL

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

Biological Activity

Shortsummary

Dopamine-β-hydroxylase inhibitor

IC₅₀ & Target

8.5 nM (bovine dopamine-β-hydroxylase), 9 nM (human dopamine-β-hydroxylase)

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.

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