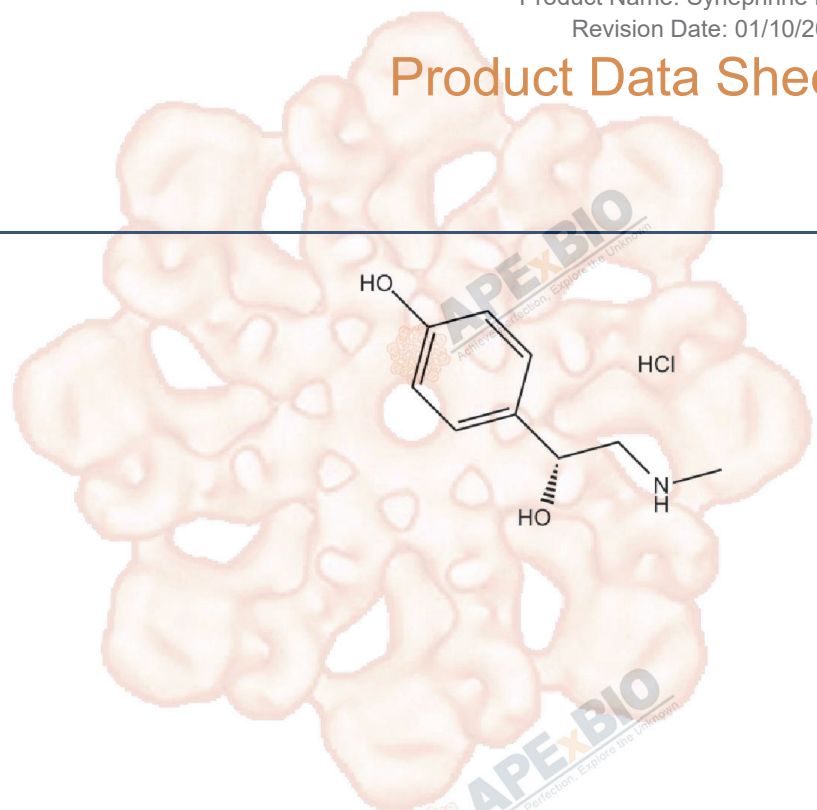


Product Data Sheet

Synephrine HCl

Cat. No.:	B1370
CAS No.:	5985-28-4
Formula:	C ₉ H ₁₃ NO ₂ ·HCl
M.Wt:	203.67
Synonyms:	
Target:	GPCR/G protein
Pathway:	Adrenergic Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥36.5 mg/mL in DMSO; ≥21 mg/mL in EtOH; ≥30.9 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	4.9099 mL	24.5495 mL	49.0990 mL
		5 mM	0.9820 mL	4.9099 mL	9.8198 mL
		10 mM	0.4910 mL	2.4550 mL	4.9099 mL

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

Biological Activity

Shortsummary	Sympathomimetic α-adrenergic receptor (AR) agonist	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Maíra Kerpeldos Santosa, Emily Glecob, et al. "DART-MS/MS screening for the determination of 1, 3-Dimethylamylamine and undeclared stimulants in seized dietary supplements from Brazil." Forensic Chemistry. Available online 22 March 2018.

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 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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