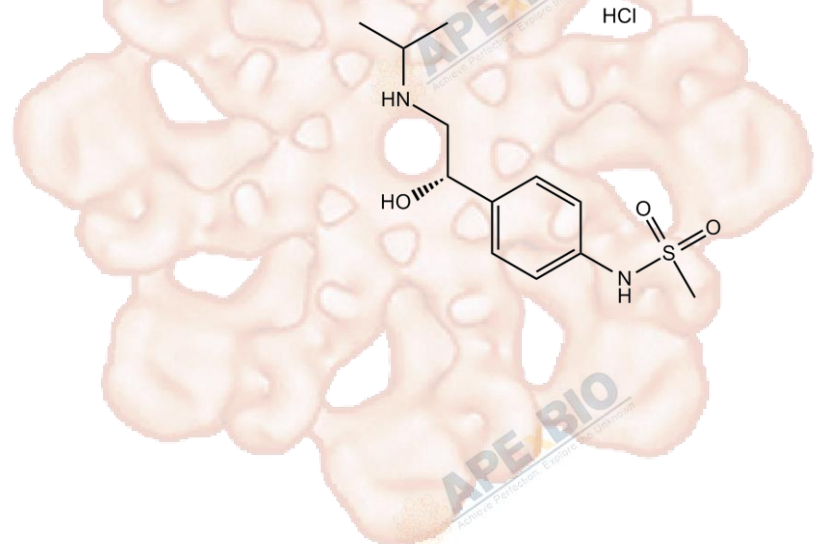


Product Data Sheet

Sotalol hydrochloride

Cat. No.: B3341
CAS No.: 959-24-0
Formula: C₁₂H₂₁CIN₂O₃S
M.Wt: 308.82
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥15.44 mg/mL in DMSO; ≥2.86 mg/mL in EtOH; ≥55.7 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		3.2381 mL	16.1907 mL	32.3813 mL
	5 mM		0.6476 mL	3.2381 mL	6.4763 mL
	10 mM		0.3238 mL	1.6191 mL	3.2381 mL

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

Biological Activity

Shortsummary

β -adrenergic receptor antagonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Blanchette AD, Grimm FA, et al. "Thorough QT/QTc in a Dish: An In Vitro Human Model That Accurately Predicts Clinical Concentration-QTc Relationships." Clin Pharmacol Ther. 2018 Oct 22. PMID:30346629

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. Short-term 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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