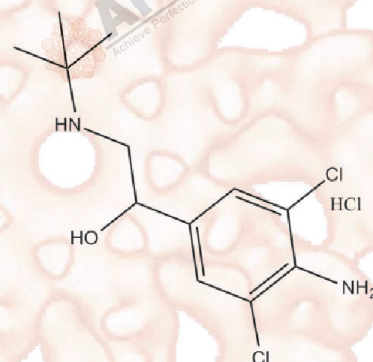


Product Data Sheet

Clenbuterol (hydrochloride)

Cat. No.:	C3119
CAS No.:	21898-19-1
Formula:	C ₁₂ H ₁₈ Cl ₂ N ₂ O·HCl
M.Wt:	313.7
Synonyms:	NAB 365, Ventipulmin
Target:	GPCR/G protein
Pathway:	Adrenergic Receptor
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥13.15 mg/mL in DMSO; ≥16.3 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.1878 mL	15.9388 mL	31.8776 mL
		5 mM	0.6376 mL	3.1878 mL	6.3755 mL
		10 mM	0.3188 mL	1.5939 mL	3.1878 mL

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

Biological Activity

Shortsummary

sympathomimetic β₂-adrenoceptor agonist used as a bronchodilator in the treatment of pulmonary diseases

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

