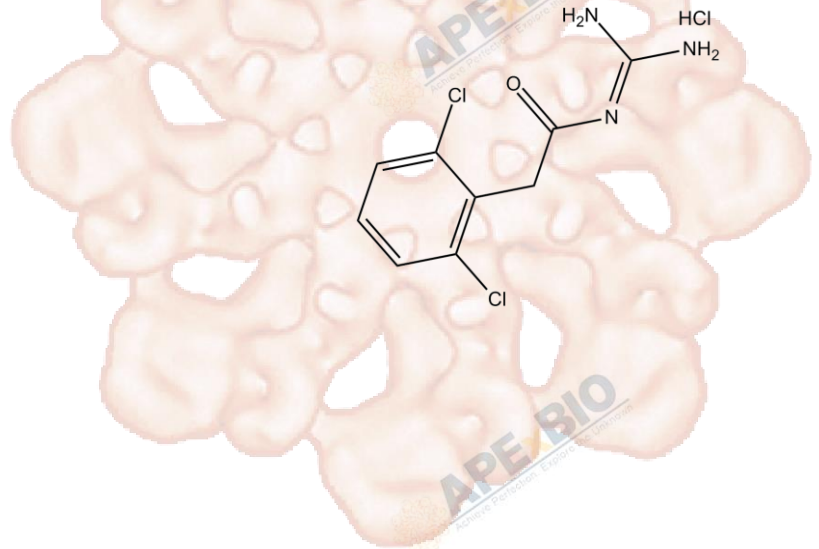


Product Data Sheet

Guanfacine hydrochloride

Cat. No.:	A3451
CAS No.:	29110-48-3
Formula:	C ₉ H ₁₀ Cl ₂ N ₃ O
M.Wt:	282.55
Synonyms:	Guanfacine; Tenex; Intuniv
Target:	GPCR/G protein
Pathway:	Adrenergic Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥14.13 mg/mL in DMSO; ≥17.17 mg/mL in EtOH with gentle warming and ultrasonic; ≥50.6 mg/mL in H₂O with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.5392 mL	17.6960 mL	35.3920 mL
	5 mM	0.7078 mL	3.5392 mL	7.0784 mL
	10 mM	0.3539 mL	1.7696 mL	3.5392 mL

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

Biological Activity

Shortsummary

α 2A-adrenoceptor agonist

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 APExBIO 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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