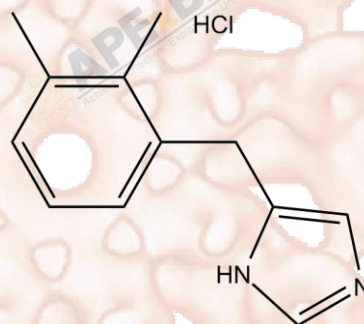


Product Data Sheet

Detomidine HCl

Cat. No.:	B1356
CAS No.:	90038-01-0
Formula:	C ₁₂ H ₁₅ ClN ₂
M.Wt:	222.71
Synonyms:	
Target:	GPCR/G protein
Pathway:	Adrenergic Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥11.14 mg/mL in DMSO; ≥25.7 mg/mL in EtOH; ≥27.25 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
			1 mM	5 mM	10 mM
			1 mM	5 mM	10 mM
		1 mM	4.4901 mL	22.4507 mL	44.9014 mL
		5 mM	0.8980 mL	4.4901 mL	8.9803 mL
		10 mM	0.4490 mL	2.2451 mL	4.4901 mL

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

Biological Activity

Shortsummary

Adrenergic receptor 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 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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