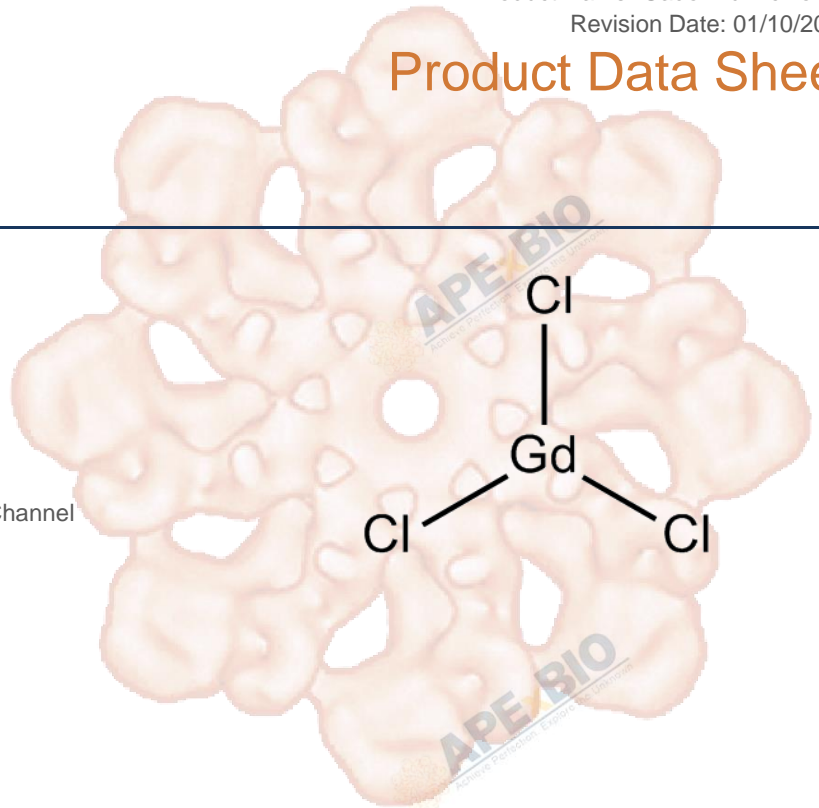


Product Data Sheet

Gadolinium chloride

Cat. No.:	B7706
CAS No.:	10138-52-0
Formula:	GdCl ₃
M.Wt:	263.61
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Calcium Channel
Storage:	Desiccate at RT



Solvent & Solubility

≥11.04 mg/mL in DMSO; ≥2.03 mg/mL in EtOH with gentle warming and ultrasonic; ≥9.85 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.7935 mL	18.9674 mL	37.9348 mL
		5 mM	0.7587 mL	3.7935 mL	7.5870 mL
		10 mM	0.3793 mL	1.8967 mL	3.7935 mL

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

Biological Activity

Shortsummary	Calcium-sensing receptor (CaSR) agonist	
IC ₅₀ & 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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