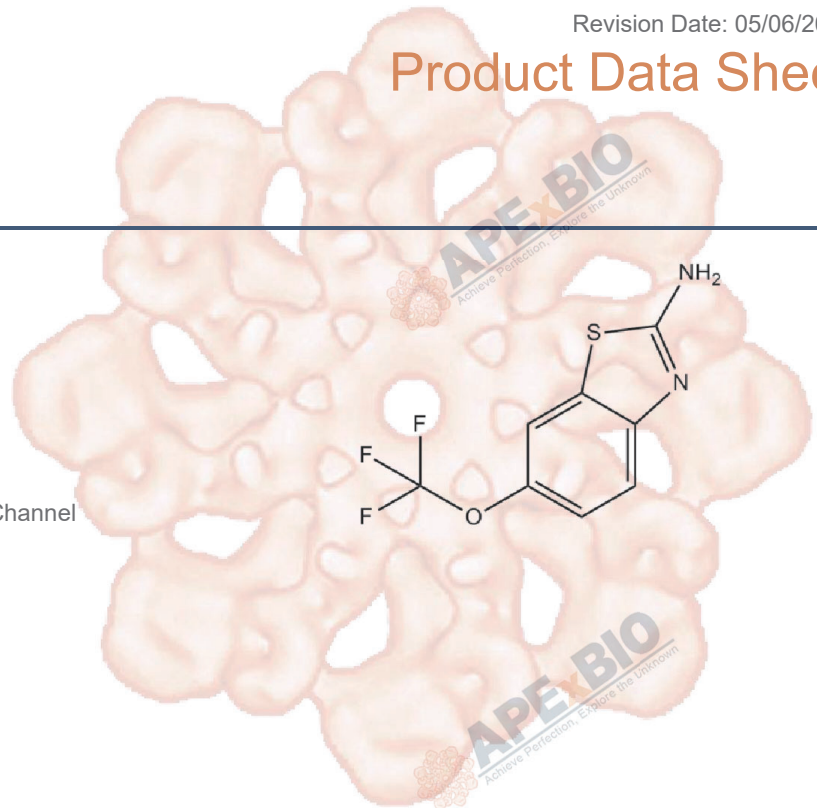


Product Data Sheet

Riluzole

Cat. No.:	A8513
CAS No.:	1744-22-5
Formula:	C ₈ H ₅ F ₃ N ₂ O ₂ S
M.Wt:	234.2
Synonyms:	
Target:	Membrane Transporter/Ion Channel
Pathway:	Sodium Channel
Storage:	Store at -20°C



Solvent & Solubility

≥23.4 mg/mL in DMSO; insoluble in EtOH; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	4.2699 mL	21.3493 mL	42.6985 mL
		5 mM	0.8540 mL	4.2699 mL	8.5397 mL
		10 mM	0.4270 mL	2.1349 mL	4.2699 mL

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

Biological Activity

Shortsummary	Sodium channel protein inhibitor	
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 APExBIO 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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