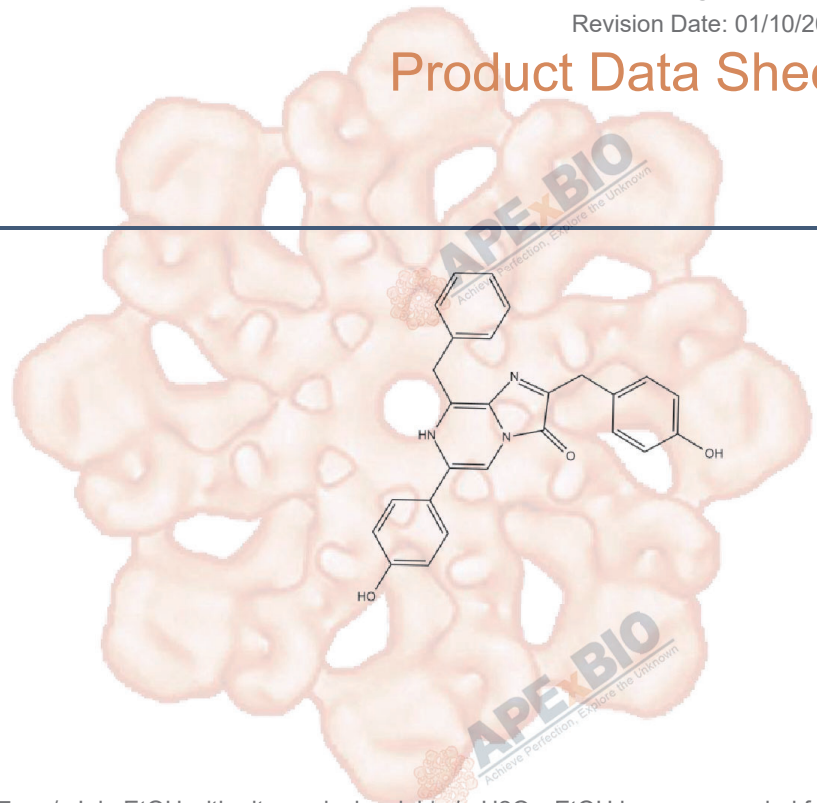


Product Data Sheet

Coelenterazine

Cat. No.: B6010
CAS No.: 55779-48-1
Formula: C₂₆H₂₁N₃O₃
M.Wt: 423.46
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥42.3 mg/mL in DMSO; 0.97 mg/mL in EtOH with ultrasonic; insoluble in H₂O, EtOH is recommended for solubilization, as DMSO can inactivate Coelenterazine's activity

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.3615 mL	11.8075 mL	23.6150 mL
	5 mM	0.4723 mL	2.3615 mL	4.7230 mL
	10 mM	0.2361 mL	1.1807 mL	2.3615 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary: luminescent enzyme substrate

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. 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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