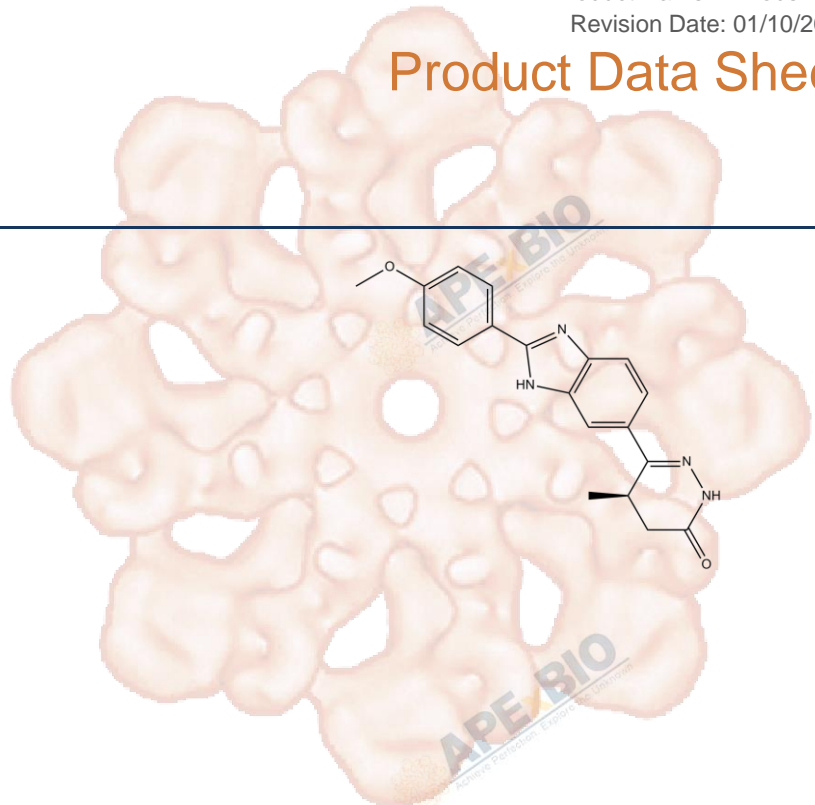


Product Data Sheet

Pimobendan

Cat. No.:	A4340
CAS No.:	74150-27-9
Formula:	C19H18N4O2
M.Wt:	334.37
Synonyms:	
Target:	Metabolism
Pathway:	PDE
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥16.2 mg/mL in DMSO; ≥19.48 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
		1 mM	2.9907 mL	14.9535 mL	29.9070 mL
		5 mM	0.5981 mL	2.9907 mL	5.9814 mL
		10 mM	0.2991 mL	1.4953 mL	2.9907 mL

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

Biological Activity

Shortsummary

Selective PDE3 inhibitor. Ca²⁺ channel sensitizer

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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