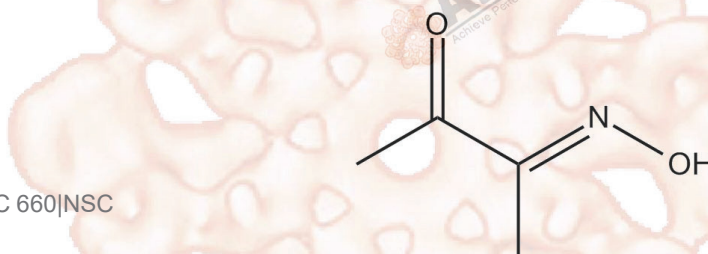


Product Data Sheet

2,3-Butanedione-2-monoxime

Cat. No.:	C3564
CAS No.:	57-71-6
Formula:	C ₄ H ₇ NO ₂
M.Wt:	101.1
Synonyms:	BDM Diacetyl Monoxime NSC 660 NSC 116103
Target:	Membrane Transporter/Ion Channel
Pathway:	ATPase
Storage:	Store at -20°C



Solvent & Solubility

≥5.25 mg/mL in DMSO; ≥60.2 mg/mL in H₂O; ≥99.6 mg/mL in EtOH

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	9.8912 mL	49.4560 mL	98.9120 mL
		5 mM	1.9782 mL	9.8912 mL	19.7824 mL
		10 mM	0.9891 mL	4.9456 mL	9.8912 mL

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

Biological Activity

Shortsummary	myosin ATPase 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. Short-term 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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