

Product datasheet

2,3-Butanedione 2-monoxime (BDM) ab120616

製品の概要

製品名	2,3-Butanedione 2-monoxime (BDM)
製品の詳細	Non-selective myosin ATPase inhibitor
生理活性の詳細	Non-selective myosin ATPase inhibitor ($K_i = 5 \text{ mM}$ at myosin II). Potent Kv2.1 (DRK1) and L-Type Ca^{2+} channel inhibitor (K_i and IC_{50} values are 10.7 nM and 5.8 mM , respectively). Blood-brain barrier permeable. Inhibits muscle contraction.

製品の特性

体系名	2,3-Butanedione monoxime
分子量	101.10
構造式	
分子式	$\text{C}_4\text{H}_7\text{NO}_2$
CAS 番号	57-71-6
保存方法	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water to 100 mM
使用に関する注意	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
由来	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team