

Datasheet for ABIN1027873

Anisomycin[Go to Product page](#)

Overview

Quantity:	10 mg
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Product Details

Purpose:	p38 MAP kinase activator
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Characteristics:	anoikis sensitizer.
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Purity:	>98 %
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Chemical Name:	(2S,3R,4R)-4-Hydroxy-2-(4-methoxybenzyl)-3-pyrrolidinyl acetate
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Formula:	C ₁₄ H ₁₉ NO ₄
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Solubility:	Soluble to 100 mM in DMSO and to 100 mM in ethanol
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Target Details

Background:	Anisomycin is an antibiotic which inhibits protein synthesis. It interferes with protein and DNA synthesis by inhibiting peptidyl transferase on the 80S ribosome system. It can activate stress-activated protein kinases, MAPkinase and other signal transduction pathways.
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Molecular Weight:	265.31
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CAS-No:	22862-76-6
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Application Details

Comment:	Source: Synthetic.
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	Appearance: White solid
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Restrictions:	For Research Use only
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Handling

Format: Solid

Precaution of Use: Classification: Toxic. May be harmful or fatal if inhaled, swallowed or absorbed through skin.
Safety Phrases: S22 - Do not breathe dust S24/25 - Avoid contact with skin and eyes S36/37/39
- Wear suitable protective clothing, gloves and eye/face protection S45 - In case of accident or if
you feel unwell, seek medical advice immediately (show the label where possible) Risk Phrases:
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed Hazard Phrases: H301
Precautionary Phrases: P301 + P310

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Storage: -20 °C
