

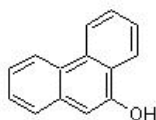
## Product datasheet

# 9-Phenanthrol, TRPM4 blocker ab144826

### Overview

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<b>Product name</b>	9-Phenanthrol, TRPM4 blocker
<b>Description</b>	Selective TRPM4 blocker
<b>Biological description</b>	Selective TRPM4 blocker (IC <sub>50</sub> = 20 μM). Modulates smooth muscle contraction. Reduces LPS-induced cell death. Promotes angiogenesis. Shows cardioprotective and anti-ischemic effects <i>in vivo</i> .
<b>CAS Number</b>	484-17-3
<b>Chemical structure</b>	



### Properties

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<b>Chemical name</b>	9-Phenanthrenol
<b>Molecular weight</b>	194.23
<b>Molecular formula</b>	C <sub>14</sub> H <sub>10</sub> O
<b>PubChem identifier</b>	10229
<b>Storage instructions</b>	Store at +4°C.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in ethanol to 100 mM
<b>Handling</b>	Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	Oc2cc3ccccc3c1cccc12
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- 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
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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 <https://www.abcam.com/abpromise> or contact our technical team.

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- 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