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DATASHEET

Forskolin

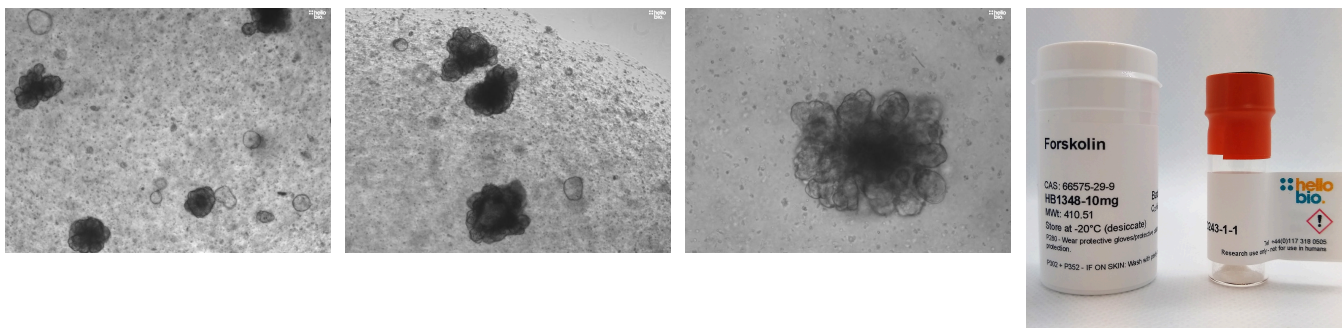
Product overview

| | |
|-------------------|--|
| Name | Forskolin |
| Cat No | HB1348 |
| Biological action | Activator |
| Purity | >98% |
| Customer comments | <i>I am currently working with forskolin. The quality of product and service is very satisfying. I am very happy to have access to your high quality products. Pojeong Park, PhD student, University of Bristol, UK</i> |

*Very satisfied with this product, it works as expected in our liver tumouroid cultures. Hello Bio are a fantastic company that keep you informed of your order throughout the delivery process. Also a fan of the datasheets they provide. **Verified customer, UK***

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| Description | Cell permeable, reversible adenylyl cyclase activator. Neuronal differentiation inducer. Used in production of liver organoids. |
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Images



Biological Data

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|------------------------|--|
| Biological description | Cell permeable, reversible adenylyl cyclase activator which increases cAMP levels and inhibits platelet-activating factor (PAF). Inhibits mast cell degranulation and lowers intraocular pressure. Also displays vasodilating and hypotensive properties. It is used as a neuronal differentiation inducer, used as a 3D Growth matrix component and used in the production of liver organoids. Forskolin, in combination with the 2i inhibitors (CHIR 99021 & PD 0325901), and LIF is sufficient to transform hESCs to a naive, mouse embryonic-like state. |
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| Application notes | Figures 1 - 3 show liver hepatocellular carcinoma tumouroids cultured with forskolin and A 83-01 |
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Solubility & Handling

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| Storage instructions | -20 °C (desiccate) |
|----------------------|--------------------|

Solubility overview
Handling

Important

Soluble in DMSO (25 mM)
Cell culture media can be prewarmed before adding the compound to avoid potential precipitation of the compound.
This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name