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## DATASHEET

Forskolin

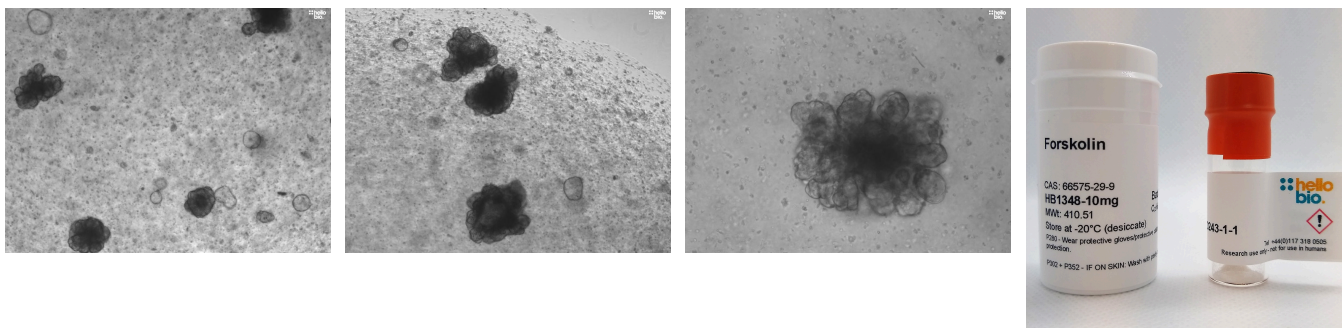
### Product overview

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

<b>Description</b>	Cell permeable, reversible adenylyl cyclase activator. Neuronal differentiation inducer. Used in production of liver organoids.
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### Images



### Biological Data

<b>Biological description</b>	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 ( <b>CHIR 99021</b> & <b>PD 0325901</b> ), and LIF is sufficient to transform hESCs to a naive, mouse embryonic-like state.
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<b>Application notes</b>	Figures 1 - 3 show liver hepatocellular carcinoma tumouroids cultured with forskolin and <b>A 83-01</b>
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### Solubility & Handling

<b>Storage instructions</b>	-20°C (desiccate)
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**Solubility overview**  
**Handling**

Soluble in DMSO (25 mM)

Cell culture media can be prewarmed before adding the compound to avoid potential precipitation of the compound.

**Important**

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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## Chemical Data

Chemical name