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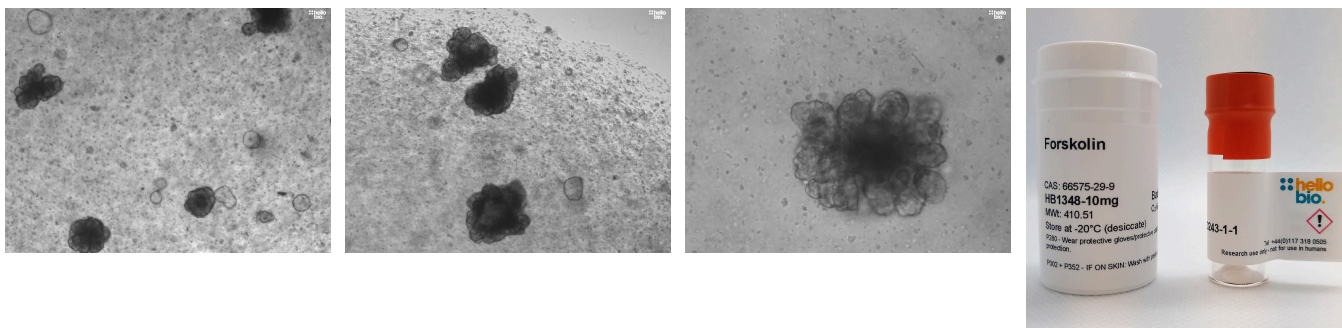
## DATASHEET

Forskolin

### Product overview

Name	Forskolin
Cat No	HB1348
Biological action	Activator
Purity	>98%
Customer comments	<i>I am currently working with <b>forskolin</b>. 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>
Description	<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. <b>Verified customer, UK</b></i> Cell permeable, reversible adenylyl cyclase activator. Neuronal differentiation inducer. Used in production of liver organoids.

### Images



### Biological Data

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

### Solubility & Handling

Storage instructions	-20 °C (desiccate)
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**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.

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**Chemical Data**

Chemical name