Creative Enzymes®

# Forskolin

*Cat. No. CEI-0992*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Forskolin is a cell permeable adenylate cyclase activator which causes an increase in the intracellular concentration of cAMP. This makes it an important hypotensive and vasodilatory agent. Forskolin also affects calcium currents and inhibits PKC (Protein Kinase C)-stimulated MAPK and RAF-1. |
| ***Synonyms*** | BFIC2, BFIS2, DSPB3, DYT10, EKD1, ICCA, IFITMD1 |

## Product Information

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| ***Appearance*** | White to off-white granular powder. |
| ***CAS No.*** | 66575-29-9 |
| ***Molecular Formula*** | C22H34O7 |
| ***Molecular Weight*** | 410.5 |
| ***Purity*** | > 95% |
| ***Targets*** | PKC, MAPK, RAF-1 |

## Storage and Shipping Information

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| ***Storage*** | Store at or below -20 centigrade. Stable for at least 1 year when stored as directed. Anhydrous DMSO stock solutions are stable for at least 3 months. Avoid freeze/thaw cycles. |