

Catalog	Unit
TBI2073 - 10MG	10 mg
TBI2073 - 50MG	50 mg

### Product Details

**Formal Name:** 7 $\beta$ -Acetoxy-8,13-epoxy-1 $\alpha$ ,6 $\beta$ ,9 $\alpha$ -trihydroxylabd-14-en-11-one.

**Molecular Formula:** C<sub>22</sub>H<sub>34</sub>O<sub>7</sub>.

**Formula Weight:** 410.5.

**CAS Number:** 66575-29-9.

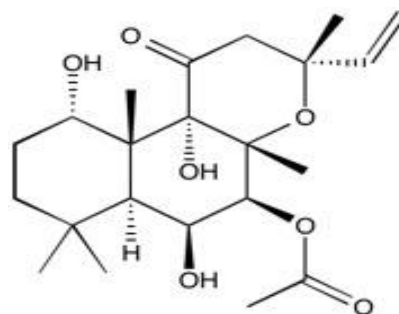
**Purity:**  $\geq$ 98%

**Formulation:** Powder.

**Solubility:** Soluble in DMSO (up to 10 mg/ml).

**Storage:** Room Temperature.

**Stability:**  $\geq$  2 years.



### Applications

Adenylate cyclase activator.

### Functions

Forskolin is an extremely useful activator of adenylate cyclase ( $EC_{50}$  = 2-10  $\mu$ M), and a hypotensive, vasodilatory, and positive inotropic agent. It induces stem cell neuronal differentiation. It is cell permeable and active in vivo.

### Application Procedures

Forskolin can be first dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

### Relative Products

TBI2438	EHNA Hydrochloride, PDE2 and ADA Inhibitor
TBI12069	Cytochalasin B
TBI1221	Sildenafil citrate, PDE5 Inhibitor
TBI1008	IBMX, PDE Inhibitor (Pan Specific)
TBI1126	Vinpocetine, PDE1 Inhibitor
TBI2657	Roflumilast, PDE4 Inhibitor
TBI1319	BML-288, PDE2 Inhibitor
TBI2584	Cilostamide, PDE3 Inhibitor
TBI1131	Cilostazol, PDE3A Inhibitor

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