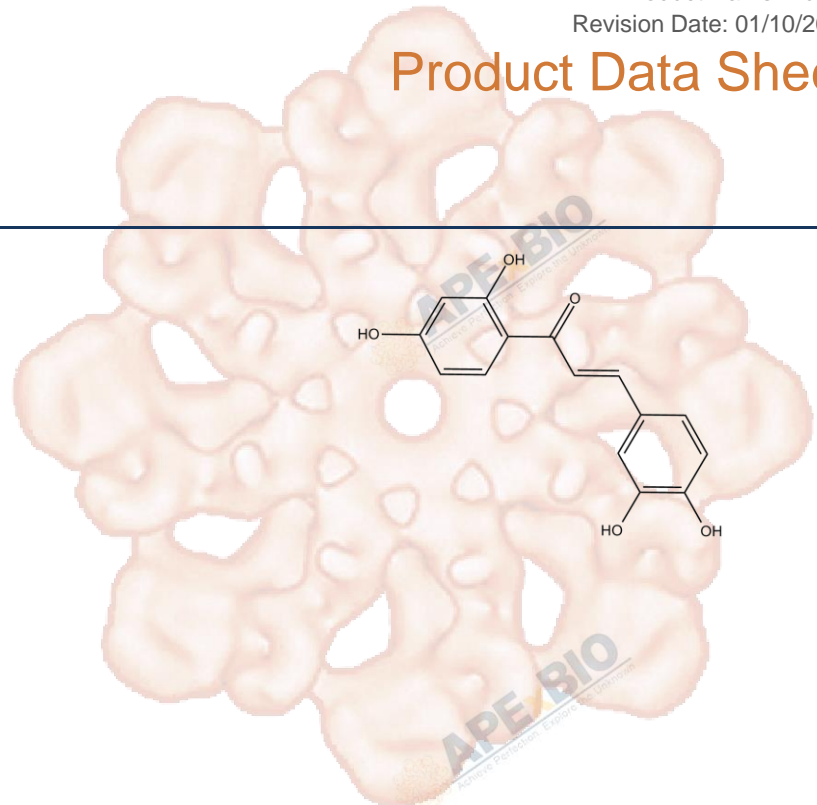


# Product Data Sheet

## Butein

<b>Cat. No.:</b>	A2689
<b>CAS No.:</b>	487-52-5
<b>Formula:</b>	C <sub>15</sub> H <sub>12</sub> O <sub>5</sub>
<b>M.Wt:</b>	272.25
<b>Synonyms:</b>	
<b>Target:</b>	JAK/STAT Signaling
<b>Pathway:</b>	EGFR
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥13.6 mg/mL in DMSO; ≥8.86 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.6731 mL	18.3655 mL	36.7309 mL
		5 mM	0.7346 mL	3.6731 mL	7.3462 mL
		10 mM	0.3673 mL	1.8365 mL	3.6731 mL

Please refer to the solubility information to select the appropriate solvent.

## Biological Activity

Shortsummary

Protein kinase inhibitor

IC<sub>50</sub> & Target

0.01 μM (Ki) (5-lipoxygenase), 2.97 μM (Ki) (enoyl-acyl-carrier protein reductase (P. falciparum)), 0.73 μM (Ki) (angiotensin-converting enzyme), 65 μM (Ki) (Src kinase)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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