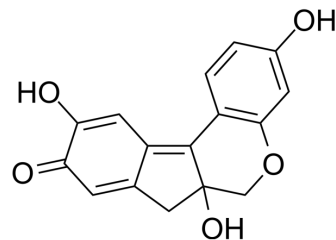


## Brazilein

Cat. No.:	HY-N10424		
CAS No.:	600-76-0		
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>		
Molecular Weight:	284.26		
Target:	Apoptosis		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMF : 11 mg/mL (38.70 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.5179 mL	17.5895 mL	35.1791 mL
	5 mM	0.7036 mL	3.5179 mL	7.0358 mL
	10 mM	0.3518 mL	1.7590 mL	3.5179 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Brazilein is an important immunosuppressive component isolated from *Caesalpinia sappan* L. Brazilein induces apoptosis in mice spleen lymphocytes<sup>[1]</sup>.

### REFERENCES

[1]. Ye M, et al. Brazilein, an important immunosuppressive component from *Caesalpinia sappan* L. *Int Immunopharmacol.* 2006;6(3):426-432.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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