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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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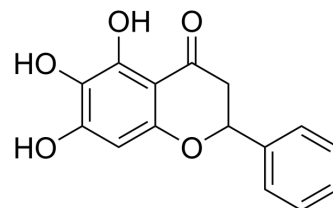
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Dihydrobaicalein

Cat. No.:	HY-N8692
CAS No.:	35683-17-1
Molecular Formula:	C ₁₅ H ₁₂ O ₅
Molecular Weight:	272.25
Target:	Polo-like Kinase (PLK)
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 2.72 mg/mL (9.99 mM; Need ultrasonic and warming)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.6731 mL	18.3655 mL	36.7309 mL	
		5 mM	0.7346 mL	3.6731 mL	7.3462 mL	
		10 mM	---	---	---	
Please refer to the solubility information to select the appropriate solvent.						

BIOLOGICAL ACTIVITY

Description	Dihydrobaicalein is a PLK1 Inhibitor with an IC ₅₀ of 6.3 μM. Dihydrobaicalein also inhibits VRK2 and PLK2. Dihydrobaicalein is a natural product that can be isolated from <i>Scutellaria scandens</i> ^[1] .
IC ₅₀ & Target	PLK1

REFERENCES

[1]. Woo SU, et al. 7-O-Methylwogonin from *Scutellaria baicalensis* Disturbs Mitotic Progression by Inhibiting Plk1 Activity in Hep3B Cells. *Planta Med.* 2019 Feb;85(3):217-224.

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

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