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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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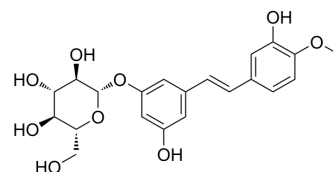
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Rhapontin

Cat. No.:	HY-N0671
CAS No.:	155-58-8
Molecular Formula:	C ₂₁ H ₂₄ O ₉
Molecular Weight:	420.41
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (594.66 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.3786 mL	11.8932 mL	23.7863 mL
		5 mM		0.4757 mL	2.3786 mL	4.7573 mL
		10 mM		0.2379 mL	1.1893 mL	2.3786 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (4.95 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.95 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Rhapontin (Rhaponticin), a component of rhubarb (<i>Rheum officinale</i> Baill), induces apoptosis resulting in suppression of proliferation of human stomach cancer KATO III cells ^[1] .
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CUSTOMER VALIDATION

- Biomed Res Int. 2021 Sep 9;2021:9066938.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Hibasami H, et al. Induction of apoptosis by rhapontin having stilbene moiety, a component of rhubarb (*Rheum officinale* Baillon) in human stomach cancer KATO III cells. *Oncol Rep.* 2007 Aug;18(2):347-51.

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

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