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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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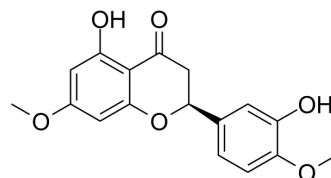
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Persicogenin

Cat. No.:	HY-N7636
CAS No.:	28590-40-1
Molecular Formula:	C ₁₇ H ₁₆ O ₆
Molecular Weight:	316.31
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (158.07 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		3.1615 mL	15.8073 mL	31.6146 mL
		5 mM		0.6323 mL	3.1615 mL	6.3229 mL
	10 mM		0.3161 mL	1.5807 mL	3.1615 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: ≥ 1.25 mg/mL (3.95 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.95 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 1.25 mg/mL (3.95 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Persicogenin, isolated from Rhus retinorrhoea, possesses anti-cancer activity ^[1] .
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REFERENCES

[1]. QuaiserSaquib, et al. Anticancer efficacies of persicogenin and homoeriodictyol isolated from Rhus retinorrhoea. Process Biochemistry Volume 95, August 2020, Pages 186-196

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

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