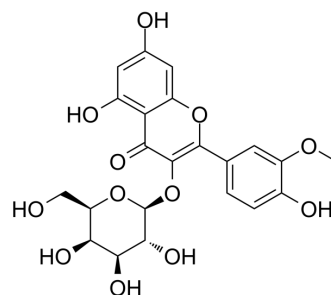


Isorhamnetin 3-O-galactoside

Cat. No.:	HY-N2082
CAS No.:	6743-92-6
Molecular Formula:	C ₂₂ H ₂₂ O ₁₂
Molecular Weight:	478.4
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (209.03 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0903 mL	10.4515 mL	20.9030 mL
	5 mM	0.4181 mL	2.0903 mL	4.1806 mL
	10 mM	0.2090 mL	1.0452 mL	2.0903 mL

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

BIOLOGICAL ACTIVITY

Description

Isorhamnetin 3-O-galactoside (Cacticin), a flavonoid glycoside isolated from *Artemisia capillaris* Thunberg, which ameliorates CCl₄-induced hepatic damage by enhancing the anti-oxidative defense system and reducing the inflammatory signaling pathways. Isorhamnetin 3-O-galactoside (Cacticin) has antithrombotic and anti-inflammatory activities^{[1][2][3]}.

CUSTOMER VALIDATION

- Research Square Print. 2022 May.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Kim DW, et al. Isorhamnetin-3-O-galactoside Protects against CCl₄-Induced Hepatic Injury in Mice. *Biomol Ther (Seoul)*. 2012 Jul;20(4):406-12.

[2]. Kim TH, et al. Anti-inflammatory activities of isorhamnetin-3-O-galactoside against HMGB1-induced inflammatory responses in both HUVECs and CLP-induced septic mice. J Cell Biochem. 2013 Feb;114(2):336-45.

[3]. Ku SK, et al. Antithrombotic and profibrinolytic activities of isorhamnetin-3-O-galactoside and hyperoside. Food Chem Toxicol. 2013 Mar;53:197-204.

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

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