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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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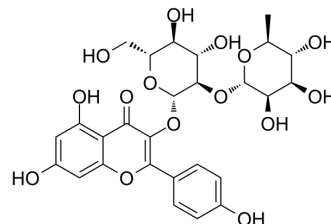
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Kaempferol 3-neohesperidoside

Cat. No.:	HY-107207
CAS No.:	32602-81-6
Molecular Formula:	C ₂₇ H ₃₀ O ₁₅
Molecular Weight:	594.52
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 : 50 mg/mL (84.10 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6820 mL	8.4101 mL	16.8203 mL
				5 mM	0.3364 mL	1.6820 mL	3.3641 mL
				10 mM	0.1682 mL	0.8410 mL	1.6820 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: ≥ 2.5 mg/mL (4.21 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.21 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Kaempferol 3-neohesperidoside (Kaempferol 3-O-neohesperidoside) is a flavonoid ^[1] . Kaempferol 3-neohesperidoside exhibits insulinomimetic effect on the rat soleus muscle ^[2] .
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REFERENCES

- [1]. Paola S Colombo, et al. Primula Latifolia Lapeyr. And Primula Vulgaris Hudson Flavonoids. Nat Prod Res. 2014;28(19):1641-4.
- [2]. Leila Zanatta, et al. Insulinomimetic effect of kaempferol 3-neohesperidoside on the rat soleus muscle. J Nat Prod. 2008 Apr;71(4):532-5.

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

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