

Data Sheet (Cat.No.TN1845)

Kushenol N

Chemical Properties

CAS No.:	102490-65-3
Formula:	C ₂₆ H ₃₀ O ₇
Molecular Weight:	454.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Kushenol N may have anti-allergic activity, it demonstrates significant inhibition of the release of beta-hexosaminidase from cultured RBL-2H3 cells .
Targets(IC ₅₀)	others: None
In vitro	The bioassay-guided fractionation of the MeOH extract from the root of Sophora flavescens led to the isolation of eight known prenylated flavonoids (1 - 8) responsible for the IN VITRO anti-allergic activity.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2 mL	11.001 mL	22.002 mL
5 mM	0.44 mL	2.2 mL	4.4 mL
10 mM	0.22 mL	1.1 mL	2.2 mL
50 mM	0.044 mL	0.22 mL	0.44 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Anti-allergic prenylated flavonoids from the roots of Sophora flavescens.Planta Med. 2008 Feb;74(2):168-70.

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