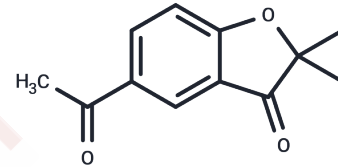


Spizofurone

Chemical Properties

CAS No. :	72492-12-7
Formula:	C ₁₂ H ₁₀ O ₃
Molecular Weight:	202.21
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Spizofurone (Espizofurona) has antiulcer activity, protective effect on the gastric mucosa of rats, and can increase alkaline secretion in isolated bullfrog duodenal mucosa.
Targets(IC50)	Others, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9454 mL	24.7268 mL	49.4535 mL
5 mM	0.9891 mL	4.9454 mL	9.8907 mL
10 mM	0.4945 mL	2.4727 mL	4.9454 mL
50 mM	0.0989 mL	0.4945 mL	0.9891 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Inatomi N, et al. Spizofurone (AG-629) increases gastric mucosal blood flow in dogs: a possible mechanism of its anti-ulcer effect. *Eur J Pharmacol.* 1985 Apr 16;110(3):343-50.

Inada I, et al. Spizofurone, a new anti-ulcer agent, increases alkaline secretion in isolated bullfrog duodenal mucosa. *Eur J Pharmacol.* 1986 May 13;124(1-2):149-55.

Inatomi N, et al. Gastric mucosal protection by spizofurone. *Eur J Pharmacol.* 1985 May 28;112(1):81-7.

Yamahara J, et al. Antiulcer action of *Sophora flavescens* root and an active constituent. *I. J Ethnopharmacol.* 1990 May;29(2):173-7.

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