Data Sheet (Cat.No.T3820)

TargetMol

Iridin

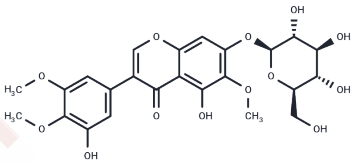
Chemical Properties

CAS No. : 491-74-7

Formula: C24H26O13

Molecular Weight: 522.46

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	Iridin (Lridin) is major active ingredient of Iris dichotoma which could be used as the drug for pain, inflammation treatment
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (105.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.83 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.914 mL	9.5701 mL	19.1402 mL
5 mM	0.3828 mL	1.914 mL	3.828 mL
10 mM	0.1914 mL	0.957 mL	1.914 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 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

Xu L L, Zhang Y, Chai Y, et al. Differentiation of belamcandae rhizoma and iridis tectori rhizoma by thin-layer chromatography and high-performance liquid chromatography[J]. World Journal of Traditional Chinese Medicine. 2021

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481