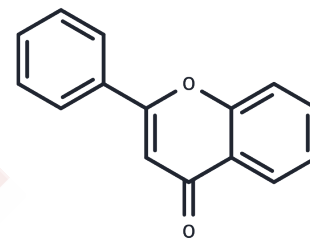


Flavone

Chemical Properties

CAS No. :	525-82-6
Formula:	C ₁₅ H ₁₀ O ₂
Molecular Weight:	222.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Flavone (2-Phenyl-4-chromone) have effects on CYP (P450) activity which are enzymes that metabolize most drugs in the body.
Targets(IC50)	NOS,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (247.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4996 mL	22.4982 mL	44.9964 mL
5 mM	0.8999 mL	4.4996 mL	8.9993 mL
10 mM	0.450 mL	2.2498 mL	4.4996 mL
50 mM	0.090 mL	0.450 mL	0.8999 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.

Reference

Zhu W, et al. Biochem Biophys Res Commun. 2015 Mar 13;458(3):590-5.

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:36 Washington Street,Wellesley Hills,MA 02481