Data Sheet (Cat.No.TN3061)



4'-O-Methyllicoflavanone

Chemical Properties

CAS No.: 1038753-13-7

Formula: C21H22O5

Molecular Weight: 354.4

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	4'-O-Methyllicoflavanone is isolated from the stem bark of Erythrina orientalis and shows antioxidant activity against DPPH radical with an IC50 value of 648.1 μΜ.
Targets(IC50)	Antioxidant
In vitro	4'-O-Methyllicoflavanone shows cytotoxicity activity against murine leukemia P-388 with an IC50 value of 17.98 μ g/mL[1].

Preparing Stock Solutions

ما	1mg	5mg	10mg	
1 mM	2.8217 mL	14.1084 mL	28.2167 mL	
5 mM	0.5643 mL	2.8217 mL	5.6433 mL	
10 mM	0.2822 mL	1.4108 mL	2.8217 mL	
50 mM	0.0564 mL	0.2822 mL	0.5643 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

Tjahjandarie Tjitjik, Tanjung, Mulyadi. Phenolic compounds from the stem bark of Erythrina orientalis and their cytotoxic and antioxidant activities. Der Pharma Chemica, 2015, 7 (1):206-211.

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

Page 1 of 1 www.targetmol.com