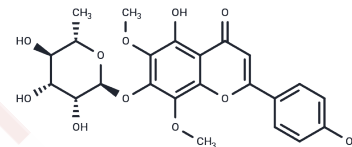


5,4'-Dihydroxy-6,8-dimethoxy-7-O-rhamnosyl flavone

Chemical Properties

CAS No. :	927406-46-0
Formula:	C ₂₃ H ₂₄ O ₁₁
Molecular Weight:	476.43
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	5,4'-Dihydroxy-6,8-dimethoxy-7-O-rhamnosyl flavone (DDR) is an anticancer agent that can be extracted from indigo. DDR inhibits the PI3K/AKT and NF-κB pathways, reducing the invasion and migration of cancer cells and exhibiting anticancer properties.
Targets(IC50)	NF-κB,Akt,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0989 mL	10.4947 mL	20.9894 mL
5 mM	0.4198 mL	2.0989 mL	4.1979 mL
10 mM	0.2099 mL	1.0495 mL	2.0989 mL
50 mM	0.042 mL	0.2099 mL	0.4198 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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