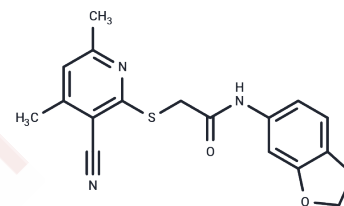


MicroRNA-21-IN-2

Chemical Properties

CAS No. :	303018-40-8
Formula:	C17H15N3O3S
Molecular Weight:	341.38
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	MicroRNA-21-IN-2 is a potential miR-21 inhibitor with an AC50 value of 3.29 μ M. MicroRNA-21-IN-2 can be used to study cancer.
Targets(IC50)	MicroRNA
In vitro	MicroRNA-21-IN-2 exhibits the capability to suppress miR-21 activity with an AC50 value of 3.29 μ M.[1]

Solubility Information

Solubility	DMSO: 1 mg/mL (2.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9293 mL	14.6464 mL	29.2929 mL
5 mM	0.5859 mL	2.9293 mL	5.8586 mL
10 mM	0.2929 mL	1.4646 mL	2.9293 mL
50 mM	0.0586 mL	0.2929 mL	0.5859 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

Qihong Huang, et al. Microrna modulators and method for identifying and using the same. US20100196357A1.

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