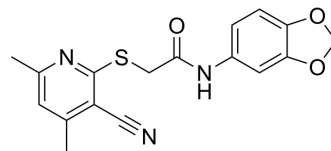


microRNA-21-IN-2

Cat. No.:	HY-151516		
CAS No.:	303018-40-8		
Molecular Formula:	C ₁₇ H ₁₅ N ₃ O ₃ S		
Molecular Weight:	341.38		
Target:	MicroRNA		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 9.09 mg/mL (26.63 mM; ultrasonic and warming and adjust pH to 3 with HCl and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	microRNA-21-IN-2 is a potential miR-21 inhibitor with an AC ₅₀ value of 3.29 μM. microRNA-21-IN-2 can be used for the research of cancer ^[1] .
IC₅₀ & Target	AC ₅₀ : 3.29 μM (miR-21) ^[1]
In Vitro	microRNA-21-IN-2 can inhibit miR-21 activity with an AC ₅₀ value of 3.29 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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