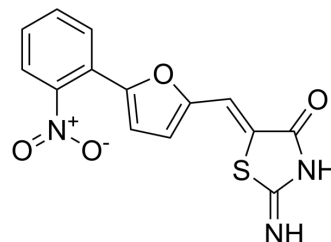


RTC13

Cat. No.:	HY-101459		
CAS No.:	1359825-94-7		
Molecular Formula:	C ₁₄ H ₉ N ₃ O ₄ S		
Molecular Weight:	315.3		
Target:	Others		
Pathway:	Others		
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 : 100 mg/mL (317.16 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.1716 mL	15.8579 mL	31.7158 mL
	5 mM	0.6343 mL	3.1716 mL	6.3432 mL
	10 mM	0.3172 mL	1.5858 mL	3.1716 mL

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

BIOLOGICAL ACTIVITY

Description

RTC13 restores dystrophin expression and improves muscle function in the mdx mouse model for Duchenne muscular dystrophy (DMD)^[1].

REFERENCES

[1]. Refik Kayali, et al. Read-through compound 13 restores dystrophin expression and improves muscle function in the mdx mouse model for Duchenne muscular dystrophy. Hum Mol Genet. 2012 Sep 15;21(18):4007-20.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA