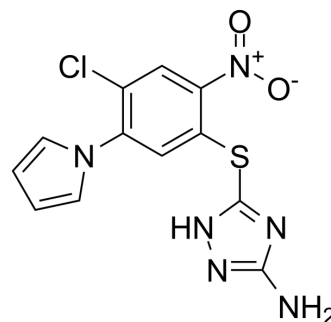


RH01687

Cat. No.:	HY-124735		
CAS No.:	302901-13-9		
Molecular Formula:	C ₁₂ H ₉ ClN ₆ O ₂ S		
Molecular Weight:	336.76		
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 (296.95 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9695 mL	14.8474 mL	29.6947 mL
	5 mM	0.5939 mL	2.9695 mL	5.9389 mL
	10 mM	0.2969 mL	1.4847 mL	2.9695 mL

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

BIOLOGICAL ACTIVITY

Description

RH01687 is a compound that can protect pancreatic β cells against endoplasmic reticulum stress-induced cell death. RH01687 has the potential for the research of diabetes^[1].

REFERENCES

[1]. Tran K, Li Y, et al. Identification of small molecules that protect pancreatic β cells against endoplasmic reticulum stress-induced cell death. ACS Chem Biol. 2014;9(12):2796-2806.

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

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