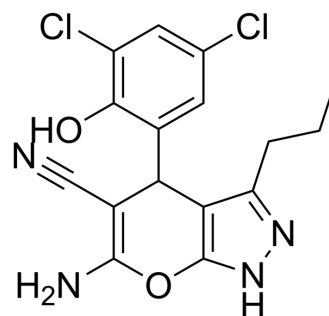


RBC6

Cat. No.:	HY-125987		
CAS No.:	381186-64-7		
Molecular Formula:	C ₁₆ H ₁₄ Cl ₂ N ₄ O ₂		
Molecular Weight:	365.21		
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 (273.82 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7382 mL	13.6908 mL	27.3815 mL
	5 mM	0.5476 mL	2.7382 mL	5.4763 mL
	10 mM	0.2738 mL	1.3691 mL	2.7382 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.85 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.85 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.85 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

RBC6 is an inhibitor of GTPases RalA. RBC6 inhibits binding of Ral to its effector RALBP1. RBC6 also inhibits Ral-mediated cell spreading of murine embryonic fibroblasts, as well as anchorage-independent growth of human cancer celllines^[1].

REFERENCES

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