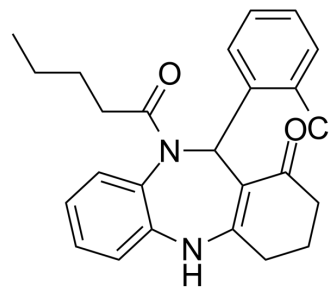


RBC10

Cat. No.:	HY-123464	
CAS No.:	362503-73-9	
Molecular Formula:	C ₂₄ H ₂₅ ClN ₂ O ₂	
Molecular Weight:	408.92	
Target:	Ras	
Pathway:	GPCR/G Protein	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (305.68 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.4455 mL	12.2273 mL	24.4547 mL
5 mM		0.4891 mL	2.4455 mL	4.8909 mL
10 mM		0.2445 mL	1.2227 mL	2.4455 mL

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

BIOLOGICAL ACTIVITY

Description

RBC10 is an anti-cancer agent. RBC10 inhibits the binding of Ral to its effector RALBP1. RBC10 also inhibits Ral-mediated cell spreading of murine embryonic fibroblasts and anchorage-independent growth of human cancer cell lines^[1].

REFERENCES

[1]. Yan C, et al. Discovery and characterization of small molecules that target the GTPase Ral. *Nature*. 2014;515(7527):443-447.

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

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