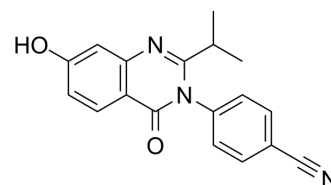


Vanilloid receptor antagonist 1

Cat. No.:	HY-114017		
CAS No.:	871814-52-7		
Molecular Formula:	C ₁₈ H ₁₅ N ₃ O ₂		
Molecular Weight:	305.33		
Target:	TRP Channel		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
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 (327.51 mM; Need ultrasonic)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	3.2751 mL	16.3757 mL	32.7515 mL
	5 mM	0.6550 mL	3.2751 mL	6.5503 mL
	10 mM	0.3275 mL	1.6376 mL	3.2751 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (8.19 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.19 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Vanilloid receptor antagonist 1 is a potent vanilloid receptor TRPV1 antagonist extracted from patent US8349852B2, compound B8 ^[1] .
IC₅₀ & Target	TRPV1

REFERENCES

[1]. Weichun Chen, et al. Quinazolinone derivatives useful as vanilloid antagonists. US8349852B2.

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

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