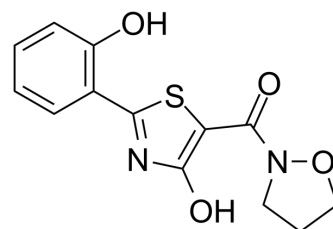


TRPM8 antagonist 3

Cat. No.:	HY-145124		
CAS No.:	2102179-29-1		
Molecular Formula:	C ₁₃ H ₁₂ N ₂ O ₄ S		
Molecular Weight:	292.31		
Target:	TRP Channel		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (85.53 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.4210 mL	17.1051 mL	34.2103 mL
	5 mM	0.6842 mL	3.4210 mL	6.8421 mL
	10 mM	0.3421 mL	1.7105 mL	3.4210 mL

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

BIOLOGICAL ACTIVITY

Description

TRPM8 antagonist 3 is a novel TRPM8 blocker with an IC₅₀ value of 11 nM.

REFERENCES

[1]. Bianchini G, et al. Discovery of Novel TRPM8 Blockers Suitable for the Treatment of Somatic and Ocular Painful Conditions: A Journey through pKa and LogD Modulation. *J Med Chem.* 2021 Nov 25;64(22):16820-16837.

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