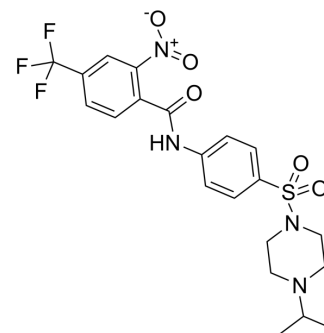


RN-9893

Cat. No.:	HY-110270		
CAS No.:	1803003-68-0		
Molecular Formula:	C ₂₁ H ₂₃ F ₃ N ₄ O ₅ S		
Molecular Weight:	500.49		
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 : 250 mg/mL (499.51 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9980 mL	9.9902 mL	19.9804 mL
5 mM	0.3996 mL	1.9980 mL	3.9961 mL
10 mM	0.1998 mL	0.9990 mL	1.9980 mL

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

BIOLOGICAL ACTIVITY

Description

RN-9893 is a potent and selective TRPV4 receptor antagonist with IC₅₀ values of 320, 420 and 660 nM for mouse, human and rat channels, respectively^[1].

REFERENCES

[1]. Wei ZL, et, al. Identification of orally-bioavailable antagonists of the TRPV4 ion-channel. Bioorg Med Chem Lett. 2015 Sep 15;25(18):4011-5.

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