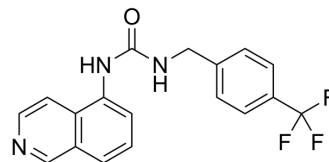


A-425619

Cat. No.:	HY-110292
CAS No.:	581809-67-8
Molecular Formula:	C ₁₈ H ₁₄ F ₃ N ₃ O
Molecular Weight:	345.32
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A-425619, a potent and selective TRPV1 receptor antagonist, is effective in alleviating acute and chronic inflammatory pain and postoperative pain ^[1] .
In Vivo	A-425619 (i.p., 100 μmol/kg) can restore the reduction of spontaneous digging behavior in C57BL/6J mice induced by complete Freund's adjuvant (CFA; 10 mg/mL) knee joint inflammation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sampurna Chakrabarti, et al. Acute inflammation sensitizes knee-innervating sensory neurons and decreases mouse digging behavior in a TRPV1-dependent manner. *Neuropharmacology*. 2018 Dec;143:49-62.

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