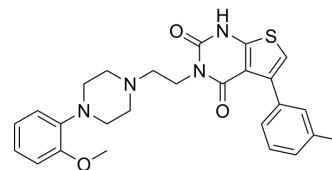


A-123189

Cat. No.:	HY-116623
CAS No.:	255713-53-2
Molecular Formula:	C ₂₆ H ₂₈ N ₄ O ₃ S
Molecular Weight:	476.59
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

A-123189 is a selective and potent α_{1D} antagonist with K_i s of 0.312 and 0.17 for human α_{1D} and rat α_{1D} , respectively. A-123189 displays selectivities between 10- to 20-fold for the α_{1D} receptor over the human α_{1A} and rat α_{1A} receptors^[1].

REFERENCES

[1]. K P Briski, et al. Antagonism of type II, but not type I glucocorticoid receptors results in elevated basal luteinizing hormone release in male rats. *Bioorganic & Medicinal Chemistry Letters*, Volume 11, Issue 9, 7 May 2001, Pages 1119-1121.

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