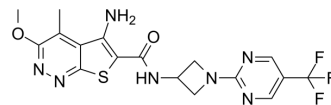


VU6005806

Cat. No.:	HY-128584
CAS No.:	2180914-37-6
Molecular Formula:	C ₁₇ H ₁₆ F ₃ N ₇ O ₂ S
Molecular Weight:	439.41
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VU6005806 (AZN-00016130) is a potent muscarinic acetylcholine receptor subtype 4 (M ₄) positive allosteric modulator (PAM), with EC ₅₀ s of 94 nM, 28 nM, 87 nM and 68 nM for human, rat, dog and cyno M ₄ , respectively. Used in the research of neuropsychiatric disorders ^[1] .
IC ₅₀ & Target	IC ₅₀ : 94 nM (Human M ₄), 28 nM (Rat M ₄), 87 nM (Dog M ₄), 68 nM (Cyno M ₄) ^[1]

REFERENCES

[1]. Engers DW, et al. VU6005806/AZN-00016130, an advanced M4 positive allosteric modulator (PAM) profiled as a potential preclinical development candidate. Bioorg Med Chem Lett. 2019 Jul 15;29(14):1714-1718.

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