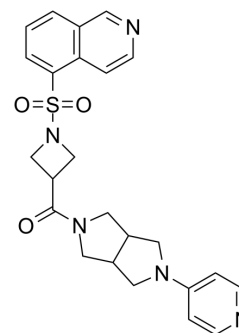


VU0455691

Cat. No.:	HY-116569
CAS No.:	1392443-41-2
Molecular Formula:	C ₂₄ H ₂₅ N ₅ O ₃ S
Molecular Weight:	463.55
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

VU0455691 is a potent, selective orthosteric M₁ mAChR antagonist (pIC₅₀=6.64; IC₅₀=0.23 μM for hM1)^[1].

REFERENCES

[1]. Melancon BJ, et al. Development of novel M1 antagonist scaffolds through the continued optimization of the MLPCN probe ML012. *Bioorg Med Chem Lett.* 2012;22(15):5035-5040.

Caution: Product has not been fully validated for medical applications. For research use only.

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