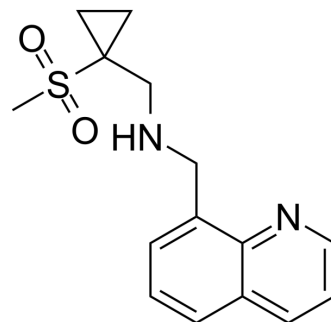


UCSF678

Cat. No.:	HY-145698
CAS No.:	2361697-55-2
Molecular Formula:	C ₁₅ H ₁₈ N ₂ O ₂ S
Molecular Weight:	290.38
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

UCSF678 is a 42 nM arrestin-biased partial agonist at the 5-HT_{5A}R with a more restricted off-target profile and decreased assay liabilities. UCSF678 is a selective probe with which to study the function of the 5-HT_{5A}R^[1].

REFERENCES

[1]. Levit Kaplan A, et al. Structure-Based Design of a Chemical Probe Set for the 5-HT_{5A} Serotonin Receptor. *J Med Chem.* 2022;65(5):4201-4217.

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

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