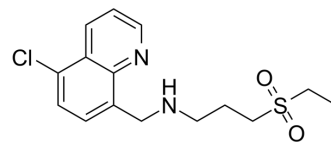


## UCSF648

Cat. No.:	HY-145700
CAS No.:	2637090-55-0
Molecular Formula:	C <sub>15</sub> H <sub>19</sub> ClN <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	326.84
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	UCSF648 (Compound 5A6-48) is a chemical probe for the 5-HT <sub>5A</sub> serotonin receptor. UCSF648 weakly activates ADRA2A and MTNR1A <sup>[1]</sup> .
IC <sub>50</sub> & Target	5-HT <sub>5A</sub> Receptor

### REFERENCES

[1]. Levit Kaplan A, et al. Structure-Based Design of a Chemical Probe Set for the 5-HT<sub>5A</sub> Serotonin Receptor. *J Med Chem.* 2022 Mar 10;65(5):4201-4217.

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

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