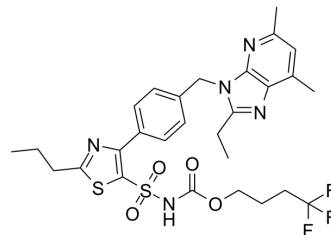


## AT1R antagonist 1

Cat. No.:	HY-146431
CAS No.:	2848719-80-0
Molecular Formula:	C <sub>28</sub> H <sub>32</sub> F <sub>3</sub> N <sub>5</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	623.71
Target:	Angiotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	AT1R antagonist 1 (compound 10) is a potent AT1R selective ligand. AT1R antagonist 1 exhibits a fair AT1R affinity, with a K <sub>i</sub> of 8.5 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>i</sub> : 8.5 nM (AT1R), 320 nM (AT2R) <sup>[1]</sup>

### REFERENCES

[1]. Bolteau R, et al. Quinazoline and phthalazine derivatives as novel melatonin receptor ligands analogues of agomelatine. Eur J Med Chem. 2020 Mar 1;189:112078.

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

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