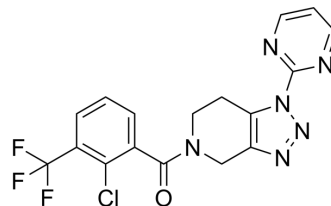


## P2X7 receptor antagonist-3

Cat. No.:	HY-148558
CAS No.:	1627900-92-8
Molecular Formula:	C <sub>17</sub> H <sub>12</sub> ClF <sub>3</sub> N <sub>6</sub> O
Molecular Weight:	408.76
Target:	P2X Receptor
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	P2X7 receptor antagonist-3 is a potent P2X7 receptor antagonist with P2X7R IC <sub>50</sub> values of 4.2 nM in humans and 6.8 nM in rats <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	hP2X7R 4.2 nM (IC <sub>50</sub> )	rP2X7R 6.8 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Brad M Savall, et al. Synthesis, SAR, and Pharmacological Characterization of Brain Penetrant P2X7 Receptor Antagonists. ACS Med Chem Lett. 2015 Apr 24;6(6):671-6.

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

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