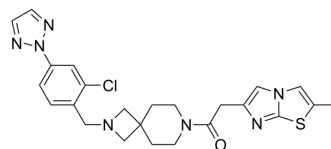


PF-04628935

Cat. No.:	HY-116625
CAS No.:	1383719-97-8
Molecular Formula:	C ₂₄ H ₂₆ ClN ₇ OS
Molecular Weight:	496.03
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PF-04628935 (compound 10n) is a potent ghrelin receptor inverse agonist, with an IC ₅₀ of 4.6 nM. PF-04628935 exhibits oral bioavailability of 43% in rats and shows reasonable penetration into the brain. PF-04628935 can be used for stress and anxiety research ^{[1][2]} .
IC ₅₀ & Target	GHSR1a 4.6 nM (IC ₅₀)

REFERENCES

- [1]. Kung DW, et, al. Identification of spirocyclic piperidine-azetidine inverse agonists of the ghrelin receptor. *Bioorg Med Chem Lett*. 2012 Jul 1;22(13):4281-7.
- [2]. Cavalcante DP, et, al. Role of dorsal raphe nucleus GHS-R1a receptors in the regulation of inhibitory avoidance and escape behaviors in rats. *Behav Brain Res*. 2019 Jun 3;365:178-184.

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

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