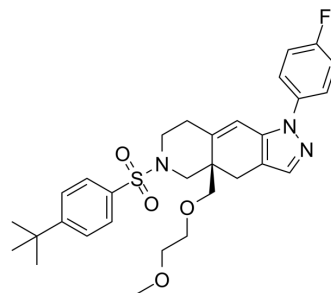


C108297

Cat. No.:	HY-125096
CAS No.:	864972-30-5
Molecular Formula:	C ₃₀ H ₃₆ FN ₃ O ₄ S
Molecular Weight:	553.69
Target:	Glucocorticoid Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

C108297 is a selective glucocorticoid receptor (GR) modulator (GR binding K_i 0.7 nM; GR reporter gene functional K_i 0.6 nM). C108297 attenuates obesity by reducing caloric intake and increasing lipolysis and fat oxidation, and in addition attenuates inflammation^{[1][2]}.

REFERENCES

[1]. Clark RD, et al. 1H-Pyrazolo[3,4-g]hexahydro-isoquinolines as selective glucocorticoid receptor antagonists with high functional activity. *Bioorg Med Chem Lett*. 2008;18(4):1312-1317.

[2]. van den Heuvel JK, et al. Identification of a selective glucocorticoid receptor modulator that prevents both diet-induced obesity and inflammation. *Br J Pharmacol*. 2016;173(11):1793-1804.

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

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