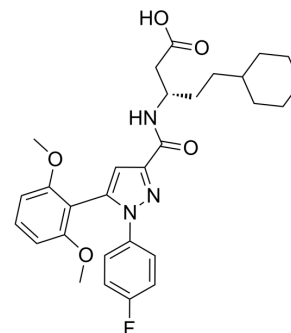


APJ receptor agonist 6

Cat. No.:	HY-147751
CAS No.:	1965244-85-2
Molecular Formula:	C ₂₉ H ₃₄ FN ₃ O ₅
Molecular Weight:	523.6
Target:	Arrestin; Apelin Receptor (APJ)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	APJ receptor agonist 6 (compound 9) is a potent APJ (apelin receptor) agonist, with K _i of 1.3 μM. APJ receptor agonist 6 has EC ₅₀ values of 0.070, 0.097, and 0.063 μM for calcium, cAMP, and β-arrestin, respectively ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.800 ± 0.1 μM (Apelin Receptor calcium), 0.844 ± 0.2 μM (Apelin Receptor cAMP), 6.22 ± 2.0 μM (Apelin Receptor β-arrestin), >10 μM (AT1 calcium) ^[1]

REFERENCES

[1]. Narayanan S, et al. Identification of potent pyrazole based APELIN receptor (APJ) agonists. *Bioorg Med Chem*. 2020 Feb 15;28(4):115237.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA