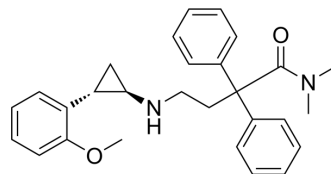


MOR agonist-3

Cat. No.:	HY-155707
Molecular Formula:	C ₂₈ H ₃₂ N ₂ O ₂
Molecular Weight:	428.57
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MOR agonist-3 (Compound 84) is a D3R/MOR antagonist (K_i 382 nM and 55.2 nM respectively). MOR agonist-3 has the potential to produce analgesic effects through MOR (μ-opioid receptor) (HY-149337) partial agonists and to reduce opioid abuse through D3R antagonists. MOR agonist-3 can be used in the treatment of inflammation and neuropathic pain research [1].

REFERENCES

[1]. Bonifazi A, et al. Pharmacological and Physicochemical Properties Optimization for Dual-Target Dopamine D3 (D3R) and μ-Opioid (MOR) Receptor Ligands as Potentially Safer Analgesics. J Med Chem. 2023 Aug 10;66(15):10304-10341.

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