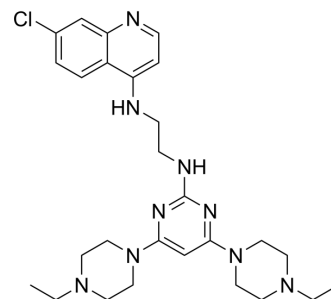


## 4A7C-301

Cat. No.:	HY-155659
Molecular Formula:	C <sub>27</sub> H <sub>38</sub> ClN <sub>9</sub>
Molecular Weight:	524.1
Target:	Nuclear Hormone Receptor 4A/NR4A
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	4A7C-301 is a Nurr1 agonist with robust neuroprotective effects in vitro. 4A7C-301 significantly ameliorates neuropathological abnormalities and improves motor and olfactory dysfunctions in AAV2-mediated $\alpha$ -synuclein-overexpressing male mouse models. 4A7C-301 can be used for the research of Parkinson's disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	Nurr1/NR4A2

### REFERENCES

[1]. Kim W, et al. An optimized Nurr1 agonist provides disease-modifying effects in Parkinson's disease models. Nat Commun. 2023 Jul 18;14(1):4283.

**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