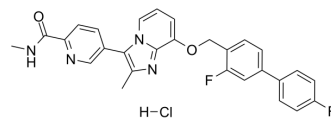


γ-Secretase modulator 11 hydrochloride

Cat. No.:	HY-147720A
CAS No.:	2434630-30-3
Molecular Formula:	C ₂₈ H ₂₃ ClF ₂ N ₄ O ₂
Molecular Weight:	520.96
Target:	γ-secretase
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	γ-Secretase modulator 11 hydrochloride (compound 10) is a potent and orally active γ-secretase modulator with an IC ₅₀ of 0.029 μM. γ-Secretase modulator 11 hydrochloride induces a robust reduction in brain Aβ ₄₂ levels. γ-Secretase modulator 11 hydrochloride rescues cognitive deficits exhibited by AD model mice. γ-Secretase modulator 11 hydrochloride has the potential for the research of alzheimer's disease ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.029 μM nM (γ-Secretase) ^[1]

REFERENCES

[1]. Sekioka R, et al. Optimization and biological evaluation of imidazopyridine derivatives as a novel scaffold for γ-secretase modulators with oral efficacy against cognitive deficits in Alzheimer's disease model mice. *Bioorg Med Chem*. 2020 Jun 1;28(11):115455.

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