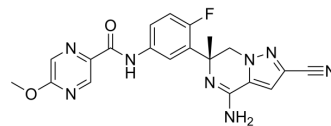


BACE1-IN-13

Cat. No.:	HY-153255
CAS No.:	1397683-26-9
Molecular Formula:	C ₂₀ H ₁₇ FN ₈ O ₂
Molecular Weight:	420.4
Target:	Beta-secretase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BACE1-IN-13 (Compound 36) is an orally active BACE1 inhibitor with an IC ₅₀ value of 2.9 nM. BACE1-IN-13 is highly potent in hAβ42 cell (IC ₅₀ = 1.3 nM). BACE1-IN-13 has cardiovascularly safe and elicits sustained Aβ42 reduction in mouse and dog animal models ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.3 nM (hAβ42 cell) ^[1] .

REFERENCES

[1]. Peschiulli A, et al. A Brain-Penetrant and Bioavailable Pyrazolopiperazine BACE1 Inhibitor Elicits Sustained Reduction of Amyloid β In Vivo. ACS Med Chem Lett. 2021 Dec 1;13(1):76-83.

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