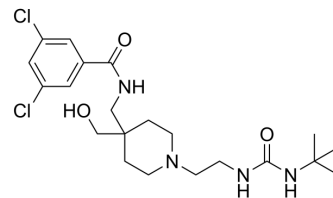


Cav 3.2 inhibitor 4

Cat. No.:	HY-154832
CAS No.:	1416984-93-4
Molecular Formula:	C ₂₁ H ₃₂ Cl ₂ N ₄ O ₃
Molecular Weight:	459.41
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cav 3.2 inhibitor 4 (compound 21) is a potent, peripherally restricted, selective T-type calcium channel (Ca_v3.2) inhibitor, with an IC₅₀ of 0.6 μM. Cav 3.2 inhibitor 4 can be used for the research of atrial fibrillation^[1].

REFERENCES

[1]. Giordanetto F, et, al. Discovery of N-[[1-[2-(tert-butylcarbamoylamino)ethyl]-4-(hydroxymethyl)-4-piperidyl]methyl]-3,5-dichloro-benzamide as a selective T-type calcium channel (Cav3.2) inhibitor. *Bioorg Med Chem Lett.* 2013 Jan 1;23(1):119-24.

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

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