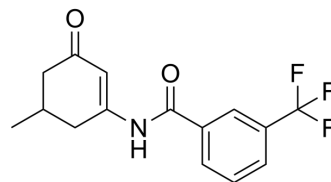


IAB15

Cat. No.:	HY-150539
CAS No.:	2987139-91-1
Molecular Formula:	C ₁₅ H ₁₄ F ₃ NO ₂
Molecular Weight:	297.27
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	IAB15 is a potent T-type calcium channel inhibitor. IAB15 can be used for epilepsy research ^[1] .
IC ₅₀ & Target	T-type calcium channel
In Vitro	IAB15 (50 μM; differentiated ND7/23 cells) causes a significant reduction in the current density generated by T-type Ca ²⁺ channel activation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Amaye IJ, et, al. Evaluation of potential anticonvulsant fluorinated N-benzamide enaminones as T-type Ca²⁺ channel blockers. *Bioorg Med Chem*. 2022 Jul 1;65:116766.

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

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