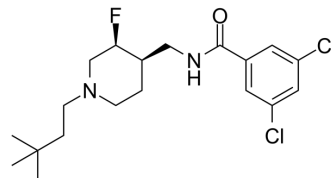


TTA-P1

Cat. No.:	HY-10955
CAS No.:	918333-06-9
Molecular Formula:	C ₁₉ H ₂₇ Cl ₂ FN ₂ O
Molecular Weight:	389.33
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

TTA-P1 is a potent state-independent compound inhibiting human T-type calcium channel. T-type calcium channels play a role in diverse physiological responses including neuronal burst firing, hormone secretion, and cell growth. TTA-P1 has the potential for the research of absence epilepsy^[1].

REFERENCES

[1]. Uebele VN, Nuss CE, Fox SV, et al. Positive allosteric interaction of structurally diverse T-type calcium channel antagonists. *Cell Biochem Biophys.* 2009;55(2):81-93.

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

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