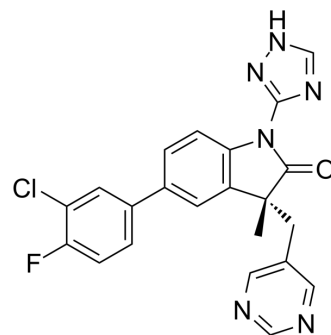


TROX-1

Cat. No.:	HY-120751
CAS No.:	1309601-26-0
Molecular Formula:	C ₂₂ H ₁₆ ClFN ₆ O
Molecular Weight:	434.85
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

TROX-1 is an N-type calcium channel (CaV2.2) inhibitor with an IC₅₀ value of 0.11 μM. TROX-1 can be used in chronic pain research^[1].

REFERENCES

[1]. Swensen AM, et al. Characterization of the substituted N-triazole oxindole TROX-1, a small-molecule, state-dependent inhibitor of Ca(V)2 calcium channels. Mol Pharmacol. 2012 Mar;81(3):488-97.

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

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