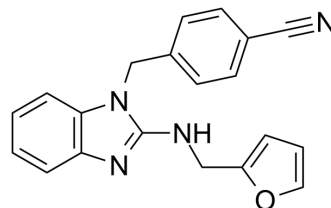


TRPC5-IN-1

Cat. No.:	HY-145150
CAS No.:	2265215-18-5
Molecular Formula:	C ₂₀ H ₁₆ N ₄ O
Molecular Weight:	328.37
Target:	TRP 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

TRPC5-IN-1 (Compound 6j) is a selective TRPC5 inhibitor with 50.5 % Inhibition for TRPC5 at 3 μM. TRPC5-IN-1 can be used for the research of chronic kidney disease (CKD)^[1].

REFERENCES

[1]. Sharma SH, et al. Design, synthesis and characterization of novel N-heterocyclic-1-benzyl-1H-benzo[d]imidazole-2-amines as selective TRPC5 inhibitors leading to the identification of the selective compound, AC1903. *Bioorg Med Chem Lett.* 2019 Jan 15;29(2):155-159.

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

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