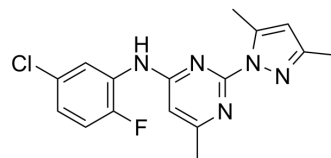


KCa2 channel modulator 2

Cat. No.:	HY-142735
CAS No.:	2764618-34-8
Molecular Formula:	C ₁₆ H ₁₅ ClFN ₅
Molecular Weight:	331.78
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

KCa2 channel modulator 2 (compound 2q) is a potent subtype-selective positive modulator of K_{Ca}2 channel. KCa2 channel modulator 2 exhibits similar potency on the rat K_{Ca}2.2a and human K_{Ca}2.3 channel subtypes, with EC₅₀s of 0.64 μM and 0.60 μM, respectively^[1]

REFERENCES

[1]. El-Sayed NS, et al. Structure-Activity Relationship Study of Subtype-Selective Positive Modulators of KCa2 Channels. *J Med Chem.* 2022;65(1):303-322.

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

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