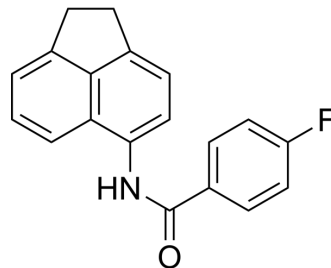


Ebio1

Cat. No.:	HY-157485
CAS No.:	339287-36-4
Molecular Formula:	C ₁₉ H ₁₄ FNO
Molecular Weight:	291.32
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

Ebio1 is a selective voltage-gated potassium channel KCNQ2 activator. Ebio1 activates KCNQ2 by generating an extended channel gate with greater conductance at a saturation voltage (+50 mV)^[1].

REFERENCES

[1]. Zhang S, Ma D, Wang K, et al. A small-molecule activation mechanism that directly opens the KCNQ2 channel[J]. Nature Chemical Biology, 2024: 1-10.

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

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