

Product Data Sheet

Product Name: Ebio1
Cat. No.: GC91637

Chemical Properties

Cas. No. 339287-36-4

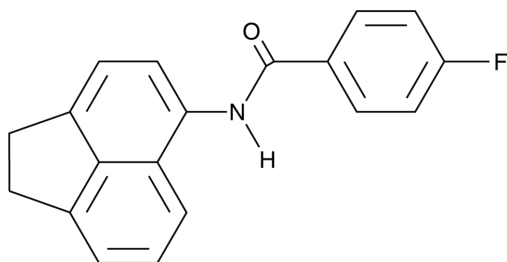
Formula $C_{19}H_{14}FNO$ M.Wt 291.3

Solubility DMSO: Soluble, Methanol: Soluble Storage $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Ebio1 is an activator of the voltage-gated potassium channel $K_v7.2$.^[1] It enhances voltage-induced current amplitude in CHO cells expressing recombinant human $K_v7.2$ when used at a concentration of $10\ \mu M$.

References:

[1]. Zhang, S., Ma, D., Wang, K., et al. A small-molecule activation mechanism that directly opens the KCNQ2 channel. *Nat. Chem. Biol.* (2024).

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

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