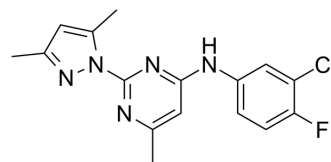


## KCa2 channel modulator 1

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-142723   |
| CAS No.:           | 1019106-73-0  |
| Molecular Formula: | C <sub>16</sub> H <sub>15</sub> ClFN <sub>5</sub>   |
| 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 1 (compound 2o) is a potent subtype-selective positive modulator of K<sub>Ca</sub>2 channel. KCa2 channel modulator 1 potentiates human K<sub>Ca</sub>2.3 channels with an EC<sub>50</sub> value of 0.19 μM and 0.99 μM on the rat K<sub>Ca</sub>2.2 channel subtype<sup>[1]</sup>.

### 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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