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**Product Data Sheet**

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Product Name: Kv3 modulator 2

Cat. No.: GC36406

**Chemical Properties**

Cas. No. 2101321-76-8

SMILES CC(C=C1)=C2C(C3(CO2)CC3)=C1OC4=CN=C(N5C([C@@H](CC)NC5=O)=O)C=C4Formula  $C_{21}H_{21}N_3O_4$  M.Wt 379.41

Solubility DMSO : 100 mg/mL (263.57 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

Kv3 modulator 2 (formula (I)) is a potent Kv3 channels modulator extracted from patent WO2018109484A1, compound formula (I) , has analgesic activity and is used in the prophylaxis or treatment of related disorders[1]. Kv3 channels[1]

[1]. Giuseppe Alvaro, et al. Hydantoin modulators of kv3 channels.

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

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