
Product Data Sheet

Product Name: Kv3 modulator 4

Cat. No.: GC36408

Chemical Properties

Cas. No. 2173375-10-3

SMILES CC(C=C1)=C2C(C3(CO2)CC3)=C1O[C@@H]4C[C@@H](N5C(C(C)(C)NC5=O)=O)C4Formula C₂₀H₂₄N₂O₄ M.Wt 356.42

Solubility Soluble in DMSO 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 4 is a Kv3.1 (pEC₅₀=5.45) and Kv3.2 modulator extracted from patent WO2018020263A1, Cyclobutyl structure[1]. pEC₅₀: 5.45 (Kv3.1)[1]Kv3.2[1]

[1]. Giuseppe Alvaro, et al. Cyclobutane derivatives as modulators of voltage-gated potassium channels.

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

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