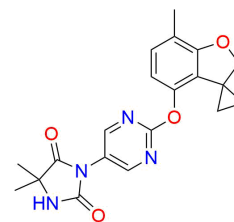


Kv3 modulator 1

Chemical Properties

CAS No.:	1380696-64-9
Formula:	C ₂₀ H ₂₀ N ₄ O ₄
Molecular Weight:	380.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Kv3 modulator 1 has the potential for inflammatory pain treatment. Kv3 modulator 1 is a Kv3 voltage-gated potassium channel modulator extracted from patent WO2018020263A1, Compound X.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.629 mL	13.144 mL	26.288 mL
5 mM	0.526 mL	2.629 mL	5.258 mL
10 mM	0.263 mL	1.314 mL	2.629 mL
50 mM	0.053 mL	0.263 mL	0.526 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Giuseppe Alvaro, et al. Cyclobutane derivatives as modulators of voltage-gated potassium channels. WO2018020263A1.

Inhibitors · Natural Compounds · Compound Libraries

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