

MK 1903

Chemical Properties

CAS No.:	1268882-43-4
Formula:	C ₈ H ₈ N ₂ O ₂
Molecular Weight:	164.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	hydroxycarboxylic acid receptor 2 (HCA2, GPR109A) full agonist
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Solubility Information

Solubility	Ethanol: <8.21mg/ml DMSO: <16.42mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.092 mL	30.458 mL	60.916 mL
5 mM	1.218 mL	6.092 mL	12.183 mL
10 mM	0.609 mL	3.046 mL	6.092 mL
50 mM	0.122 mL	0.609 mL	1.218 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. Wu, Y., Feinstein, S.I., Manevich, Y., et al. Mitogen-activated protein kinase-mediated phosphorylation of peroxiredoxin 6 regulates its phospholipase A2 activity. *Biochem.* 419(3), 669-679 (2009).
2. Lee I, Dodia C, Chatterjee S, Feinstein SI, Fisher AB. Protection against LPS-induced acute lung injury by a mechanism-based inhibitor of NADPH oxidase (type 2). *Am J Physiol Lung Cell Mol Physiol.* 2014 Apr 1;306(7):L635-44.

Inhibitors · Natural Compounds · Compound Libraries

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