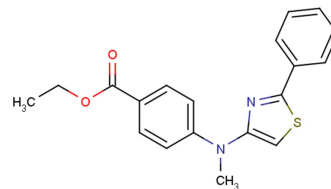


Neuropathiazol

Chemical Properties

CAS No.:	880090-88-0
Formula:	C ₁₉ H ₁₈ N ₂ O ₂ S
Molecular Weight:	338.42
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Neuropathiazol is a synthetic small molecule. It also causes neuronal differentiation of adult hippocampal neural progenitor cells.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 33.33 mg/mL (98.49 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.955 mL	14.775 mL	29.549 mL
5 mM	0.591 mL	2.955 mL	5.91 mL
10 mM	0.295 mL	1.477 mL	2.955 mL
50 mM	0.059 mL	0.295 mL	0.591 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. Warashina M, et al. A synthetic small molecule that induces neuronal differentiation of adult hippocampal neural progenitor cells. Angew Chem Int Ed Engl. 2006 Jan 16;45(4):591-3.

Inhibitors · Natural Compounds · Compound Libraries

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