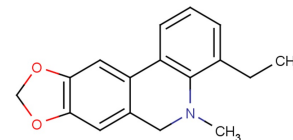


HLY78

Chemical Properties

CAS No.: 854847-61-3
Formula: C₁₇H₁₇NO₂
Molecular Weight: 267.32
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	HLY78 is an activator of the Wnt/ β -catenin signaling pathway, which targets the DIX domain of Axin and potentiates the Axin-LRP6 association to promote Wnt signaling transduction.
Targets(IC ₅₀)	Wnt/ β -catenin: None

Solubility Information

Solubility	DMSO: 26 mg/mL (97.26 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.741 mL	18.704 mL	37.408 mL
5 mM	0.748 mL	3.741 mL	7.482 mL
10 mM	0.374 mL	1.87 mL	3.741 mL
50 mM	0.075 mL	0.374 mL	0.748 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. Wang S, et al. Small-molecule modulation of Wnt signaling via modulating the Axin-LRP5/6 interaction. Nat Chem Biol. 2013 Sep;9(9):579-85.

Inhibitors · Natural Compounds · Compound Libraries

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