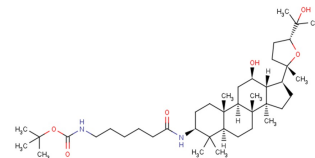


P-gp modulator 1

Chemical Properties

CAS No.:	2249749-39-9
Formula:	C ₄₁ H ₇₂ N ₂ O ₆
Molecular Weight:	689.02
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	P-gp modulator 1 is a high affinity and orally available P-glycoprotein (Pgp) modulator
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	1.451 mL	7.257 mL	14.513 mL
5 mM	0.29 mL	1.451 mL	2.903 mL
10 mM	0.145 mL	0.726 mL	1.451 mL
50 mM	0.029 mL	0.145 mL	0.29 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. Ren Q, et al. Design, synthesis, and discovery of ocotillo-type amide derivatives as orally available modulators of P-glycoprotein-mediated multidrug resistance. Eur J Med Chem. 2019 Jan 1;161:118-130.

Inhibitors · Natural Compounds · Compound Libraries

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