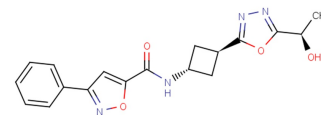


PTI-428

Chemical Properties

CAS No.: 1953130-87-4
Formula: C₁₈H₁₈N₄O₄
Molecular Weight: 354.36
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PTI-428 is a specific amplifier of the cystic fibrosis transmembrane conductance regulator.
Targets(IC ₅₀)	CFTR: None

Solubility Information

Solubility	DMSO: 250 mg/mL (705.50 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.822 mL	14.11 mL	28.22 mL
5 mM	0.564 mL	2.822 mL	5.644 mL
10 mM	0.282 mL	1.411 mL	2.822 mL
50 mM	0.056 mL	0.282 mL	0.564 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. Mijnders M, et al. Correcting CFTR folding defects by small-molecule correctors to cure cystic fibrosis. Curr Opin Pharmacol. 2017 Jun;34:83-90.

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