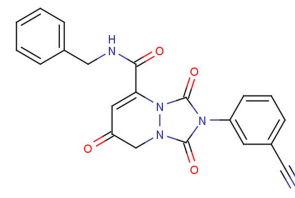


PNRI-299

Chemical Properties

CAS No.: 550368-41-7
Formula: C₂₁H₁₅N₅O₄
Molecular Weight: 401.37
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PNRI-299 is a selective inhibitor of AP-1 transcription(IC ₅₀ of 20 uM).
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	2.491 mL	12.457 mL	24.915 mL
5 mM	0.498 mL	2.491 mL	4.983 mL
10 mM	0.249 mL	1.246 mL	2.491 mL
50 mM	0.05 mL	0.249 mL	0.498 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. Nguyen C, et al. Chemogenomic identification of Ref-1/AP-1 as a therapeutic target for asthma. Proc Natl Acad Sci U S A. 2003 Feb 4;100(3):1169-73.
2. Souza DG, et al. NF-kappaB plays a major role during the systemic and local acute inflammatory response following intestinal reperfusion injury. Br J Pharmacol. 2005 May;145(2):246-54.

Inhibitors · Natural Compounds · Compound Libraries

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