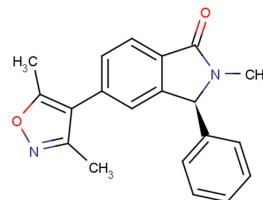


PNZ5

Chemical Properties

CAS No.: 1629277-36-6
Formula: C₂₀H₁₈N₂O₂
Molecular Weight: 318.37
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PNZ5 is a potent and isoxazole-based pan-BET inhibitor, with high selectivity and potency similar to the well-established (+)-JQ1, with a KD of 5.43 nM for BRD4(1).
Targets(IC ₅₀)	BRD41: 5.43 nM (kd)

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.141 mL	15.705 mL	31.41 mL
5 mM	0.628 mL	3.141 mL	6.282 mL
10 mM	0.314 mL	1.57 mL	3.141 mL
50 mM	0.063 mL	0.314 mL	0.628 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. Montenegro RC, et al. BET inhibition as a new strategy for the treatment of gastric cancer. Oncotarget. 2016 Jul 12;7(28):43997-44012.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481