
Product Data Sheet

Product Name: PNZ5
Cat. No.: GC36943

Chemical Properties

Cas. No. 1629277-36-6

SMILES CN1C(C2=CC=C(C3=C(C)ON=C3C)C=C2[C@@]1(C4=CC=CC=C4)[H])=O

Formula $C_{20}H_{18}N_2O_2$ M.Wt 318.37

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

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)[1].

BRD4(1)|5.43 nM (Kd)

[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.

Caution: Product has not been fully validated for medical applications. For research use only.

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