
Product Data Sheet

Product Name: BRD-IN-3
Cat. No.: GC35552

Chemical Properties

Cas. No. 2351938-32-2

SMILES CN(C1)C[C@H](NC(N2C)=NC3=C(NC=C3)C2=O)C[C@@H]1C4=CC=C5OCCOC5=C4

Formula $C_{21}H_{25}N_5O_3$ M.Wt 395.45

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

BRD-IN-3 ((R,R)-36n) is a highly potent PCAF bromodomain (BRD) inhibitor, with an IC₅₀ of 7 nM. BRD-IN-3 also exhibits activity against GCN5 and FALZ[1]. IC₅₀: PCAF BRD[1].

[1]. Huang L, et al. Discovery of Pyrrolo[3,2- d]pyrimidin-4-one Derivatives as a New Class of Potent and Cell-Active Inhibitors of P300/CBP-Associated Factor Bromodomain. J Med Chem. 2019 May 9;62(9):4526-4542.

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

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