

Product Data Sheet

Product Name: AZ PFKFB3 26

Cat. No.: GC34479

Chemical Properties

Cas. No. 1704740-52-2

SMILES O=C([C@H]1NCCC1)NC2=CC=C(OC3=CC4=C(N(CC(C)C)C=C4C#N)C=C3)C=C2

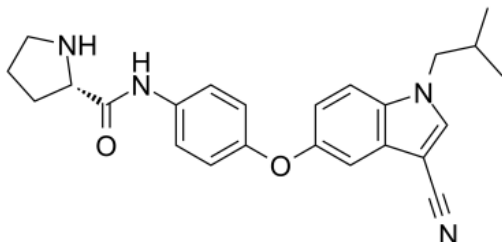
Formula $C_{24}H_{26}N_4O_2$ M.Wt 402.49

Solubility DMSO: 5 mg/mL (12.42 mM);
ultrasonic and adjust pH to 3 with
HCl) 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

AZ PFKFB3 26 is a potent and selective inhibitor of the metabolic kinase PFKFB3 with an IC₅₀ of 23 nM. AZ PFKFB3 26 inhibits PFKFB1 and PFKFB2 with IC₅₀s of 2.06 and 0.384 μM, respectively[1]. IC₅₀: 23 nM (PFKFB3), 2.06 μM (PFKFB1), 0.384 μM (PFKFB2)[1]

[1]. Boyd S, et al. Structure-Based Design of Potent and Selective Inhibitors of the Metabolic Kinase

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

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PFKFB3. J Med Chem. 2015 Apr 23;58(8):3611-25.

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