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## Product Data Sheet

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Product Name: AZ PFKFB3 67

Cat. No.: GC50250

### Chemical Properties

Cas. No. 1704741-11-6

SMILES N#CC1=CN(CC2=C(C)ON=C2C)C3=C1C=C(OC4=CC=C(NC([C@H]5NCCCC5)=O)C=C4)C=C3

Formula C<sub>26</sub>H<sub>25</sub>N<sub>5</sub>O<sub>3</sub>

M.Wt 455.51

Solubility DMSO : ≥ 250 mg/mL (548.84 mM)

Storage Store at -20°C

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

Structure

### Background

Potent and selective PFKFB3 inhibitor (IC<sub>50</sub> values are 11, 159 and 1130 nM for PFKFB3, PFKFB2 and PFKFB1 respectively).

Boyd et al (2015) Structure-based design of potent and selective inhibitors of the metabolic kinase PFKFB3. J.Med.Chem. 58 3611 PMID:25849762

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

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