
Product Data Sheet

Product Name: PCI-33380

Cat. No.: GC30155

Chemical Properties

Cas. No. 1022899-36-0

SMILES NC1=C(C(C2=CC=C(OC3=CC=CC=C3)C=C2)=NN4C(CCC5)CN5C(/C=C/CN6CCN(CCNC(CCC7=CC=C(C=C(C(C)=C8)[N]9=C8C)[N-]7[B+3]9([F-])[F-]=O)CC6)=O)C4=NC=N1

Formula C₄₆H₅₂BF₂N₁₁O₃

M.Wt

855.78

Solubility DMSO : ≥ 50 mg/mL (58.43 mM)

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**

PCI-33380 is an irreversible Bruton's Tyrosine Kinase (BTK) inhibitor (fluorescent probe).

[1]. Zuo Y, et al. A novel 2,5-diaminopyrimidine-based affinity probe for Bruton's tyrosine kinase. *Sci Rep.* 2015 Nov 4;5:16136.

[2]. Honigberg LA, et al. The Bruton tyrosine kinase inhibitor PCI-32765 blocks B-cell activation and is efficacious in models of autoimmune disease and B-cell malignancy. *Proc Natl Acad Sci U S A.* 2010 Jul 20;107(29):13075-80.

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

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