
Product Data Sheet

Product Name: (R)-Zanubrutinib ((R)-BGB-3111)

Cat. No.: GC33531

Chemical Properties

Cas. No. 1691249-44-1

SMILES NC(C1=C2N(N=C1C3=CC=C(OC4=CC=CC=C4)C=C3)[C@@H](C5CCN(C(C=C)=O)CC5)CCN2)=OFormula $C_{27}H_{29}N_5O_3$ M.Wt 471.55Solubility DMSO : ≥ 64.25 mg/mL (136.25 mM); Ethanol : < 1 mg/mL (insoluble) Storage Store at $-20^{\circ}C$ General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

(R)-Zanubrutinib is the R enantiomer of Zanubrutinib. Zanubrutinib is a selective Bruton tyrosine kinase (BTK) inhibitor.

[1]. Wu J, et al. Acalabrutinib (ACP-196): a selective second-generation BTK inhibitor. J Hematol Oncol. 2016 Mar 9;9:21. [2]. Wu J, et al. Second-generation inhibitors of Bruton tyrosine kinase. J Hematol Oncol. 2016 Sep 2;9(1):80.

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

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