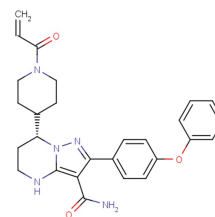


(R)-Zanubrutinib

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 1691249-44-1 |
| Formula: | C ₂₇ H ₂₉ N ₅ O ₃ |
| Molecular Weight: | 471.55 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |



Biological Description

| | |
|----------------------------|--|
| Description | (R)-Zanubrutinib is the R enantiomer of Zanubrutinib. Zanubrutinib is a selective inhibitor of Bruton tyrosine kinase (BTK). |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 64.25 mg/mL (136.25 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.121 mL | 10.603 mL | 21.207 mL |
| 5 mM | 0.424 mL | 2.121 mL | 4.241 mL |
| 10 mM | 0.212 mL | 1.06 mL | 2.121 mL |
| 50 mM | 0.042 mL | 0.212 mL | 0.424 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Wu J, et al. Acabrutinib (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.

Inhibitors · Natural Compounds · Compound Libraries

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