

ZNL0325

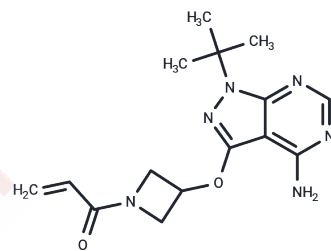
Chemical Properties

CAS No. :

Formula: C₁₅H₂₀N₆O₂

Molecular Weight: 316.36

Storage: Keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | ZNL0325 is a covalent probe based on pyrazolo[1,2-a]pyrimidine that demonstrates an alternative binding mode for kinases, where the C3 position is reversed facing the ribose-binding pocket. ZNL0325 and its analogs feature an acrylamide side chain at the C3 position, capable of forming covalent bonds with various kinases possessing cysteine at the αD-1 position, including BTK, EGFR, BLK, and JAK3. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.161 mL | 15.8048 mL | 31.6096 mL |
| 5 mM | 0.6322 mL | 3.161 mL | 6.3219 mL |
| 10 mM | 0.3161 mL | 1.5805 mL | 3.161 mL |
| 50 mM | 0.0632 mL | 0.3161 mL | 0.6322 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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