PHD-767491

Cat. No.: A3721
CAS No.: 845714-00-3
Formula: C12H11N3O
M.Wt: 213.24
Synonyms: CAY10572; PHA767491; PHA 767491; CAY-10572; CAY 10572
Target: Cell Cycle/Checkpoint
Pathway: Cdc7
Storage: Store at -20°C

Solvent & Solubility

- insoluble in H2O; insoluble in EtOH; ≥10.65 mg/mL in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Mass Concentration</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solvent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 mM</td>
<td>4.6896 mL</td>
<td>23.4478 mL</td>
<td>46.8955 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.9379 mL</td>
<td>4.6896 mL</td>
<td>9.3791 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.4690 mL</td>
<td>2.3448 mL</td>
<td>4.6896 mL</td>
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</tr>
</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary: Cdc7/cdk9 inhibitor, potent, ATP-competitive
IC50 & Target: 10 nM (cdc7), 34 nM (cdk9)

In Vitro

Cell Viability Assay
Preparation method:

Animal experiment
Applications:

References

Caution

FOR RESEARCH PURPOSES ONLY.
NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.