Purvalanol A

Cat. No.: B4990
CAS No.: 212844-53-6
Formula: C19H25ClN6O
M.Wt: 388.89

Synonyms:
Target: Cell Cycle/Checkpoint
Pathway: Cyclin-Dependent Kinases
Storage: Store at -20°C

Solvent & Solubility

insoluble in EtOH; insoluble in H2O; ≥19.45 mg/mL in DMSO

<table>
<thead>
<tr>
<th>Mass</th>
<th>Solvent Concentration</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td></td>
<td>2.5714 mL</td>
<td>12.8571 mL</td>
<td>25.7142 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>0.5143 mL</td>
<td>2.5714 mL</td>
<td>5.1428 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td></td>
<td>0.2571 mL</td>
<td>1.2857 mL</td>
<td>2.5714 mL</td>
</tr>
</tbody>
</table>

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

Biological Activity

Shortsummary: potent, and cell-permeable CDK inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

Animal experiment

Applications:

Product Citations

**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.

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