CHK-IN-1

Cat. No.: HY-U00345  
CAS No.: 1278405-51-8  
Molecular Formula: $\text{C}_{18}\text{H}_{19}\text{ClFN}_{5}\text{OS}$  
Molecular Weight: 407.89  
Target: Checkpoint Kinase (Chk)  
Pathway: Cell Cycle/DNA Damage  
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>CHK-IN-1 is an inhibitor of CHK1 and CHK2, with anti-proliferative activities.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IC$_{50}$ &amp; Target</strong></td>
<td></td>
</tr>
<tr>
<td>Chk1</td>
<td>Chk2</td>
</tr>
<tr>
<td><strong>In Vitro</strong></td>
<td>CHK-IN-1 can prevent DNA damage repair mechanism from arresting the cell cycle at the G2/M checkpoint$^{[1]}$.</td>
</tr>
</tbody>
</table>

**REFERENCES**


---

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

Tel: 609-228-6898       Fax: 609-228-5909       E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA