Product Name: CA-4948
Catalog Number: T5354
CAS Number: 1801343-74-7
Molecular Formula: C21H19N7O3
Molecular Weight: 417.40

Description: CA-4948 (previously AU-4948) is a selective and potent IRAK4 kinase inhibitor with in vivo activity in a TLR4-induced cytokine release model.

Storage: 2 years -80°C in solvent; 3 years -20°C powder;

Solubility

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Solubility</th>
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<tbody>
<tr>
<td>DMSO</td>
<td>13.89 mg/mL (33.28 mM)</td>
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(< 1 mg/ml refers to the product slightly soluble or insoluble)

Receptor (IC50)

In vitro Activity
CA-4948 was previously shown to exhibit dose-dependent efficacy in ABC-DLBCL MYD88-L265P xenograft tumor models using cell lines OCI-LY3 and OCI-LY10[1].

In vivo Activity
CA-4948 has antitumor activity in ABC-type diffuse large B cell lymphoma patient-derived xenograft (PDX) mouse models[2].

Reference

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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.