**SD-208**

**Cat. No.:** A3808  
**CAS No.:** 627598-09-8  
**Formula:** C17H10ClFN6  
**M.Wt.:** 352.75  
**Synonyms:** SD 208; SD208  
**Target:** TGF-β / Smad Signaling  
**Pathway:** TGF-βR1(ALK5)  
**Storage:** Store at -20°C  

### Solvent & Solubility

≥8.95 mg/mL in DMSO with ultrasonic; insoluble in EtOH; insoluble in H2O

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Concentration</th>
<th>Mass</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td></td>
<td>2.8349 mL</td>
<td>14.1743 mL</td>
<td>28.3487 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td></td>
<td>0.5670 mL</td>
<td>2.8349 mL</td>
<td>5.6697 mL</td>
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<tr>
<td></td>
<td>10 mM</td>
<td></td>
<td>0.2835 mL</td>
<td>1.4174 mL</td>
<td>2.8349 mL</td>
</tr>
</tbody>
</table>

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

### Biological Activity

**Short summary:** TGF-βR I kinase inhibitor  
**IC50 & Target:** 49 nM (TGF-βR I kinase)

**Cell Viability Assay**

**Preparation method:**

**Animal experiment**

**Applications:**

### Product Citations
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.


References

Caution