KHK-IN-1 hydrochloride

Cat. No.: HY-12841A
CAS No.: 1303470-48-5
Molecular Formula: C₂₁H₂₇ClN₈S
Molecular Weight: 459.01
Target: Others
Pathway: Others
Storage: Powder
-20°C 3 years
-20°C 1 month
4°C 2 years
-80°C 6 months
In solvent
-80°C 6 months
-20°C 1 month
Solubility: 10 mM in DMSO
* "<1 mg/mL" means slightly soluble or insoluble. "≥" means soluble, but saturation unknown.

PREPARING STOCK SOLUTIONS

<table>
<thead>
<tr>
<th>Volume Concentration</th>
<th>Mass (Volume)</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.1786 mL</td>
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<tr>
<td>5 mM</td>
<td>0.4357 mL</td>
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<tr>
<td>10 mM</td>
<td>0.2179 mL</td>
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</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
KHK-IN-1 Hcl is a potent ketohexokinase (KHK) inhibitor with IC₅₀ of 12 nM, interacts with Asp-27B in the ATP-binding region of KHK.

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