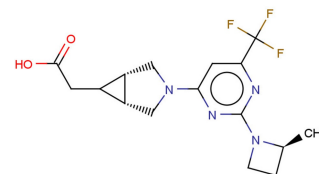


## Ketohexokinase inhibitor 1

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No.:          | 2102501-84-6   |
| Formula:          | C <sub>16</sub> H <sub>19</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub> |
| Molecular Weight: | 356.34   |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months).       |



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | Ketohexokinase inhibitor 1 is a ketohexokinase inhibitor (IC <sub>50</sub> s: 8.4 nM and 66 nM for KHK-C and KHK-A, respectively). |
| Targets(IC <sub>50</sub> ) | KHK-C: 8.4 nM<br>KHK-A: 66 nM  |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMS: 125 mg/mL (350.79 mM)<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg      | 5mg       | 10mg      |
|-------|----------|-----------|-----------|
| 1 mM  | 2.806 mL | 14.032 mL | 28.063 mL |
| 5 mM  | 0.561 mL | 2.806 mL  | 5.613 mL  |
| 10 mM | 0.281 mL | 1.403 mL  | 2.806 mL  |
| 50 mM | 0.056 mL | 0.281 mL  | 0.561 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. SUBSTITUTED 3-AZABICYCLO[3.1.0]HEXANES AS KETOHEXOKINASE INHIBITORS. US 20170183328 A1

Inhibitors · Natural Compounds · Compound Libraries

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