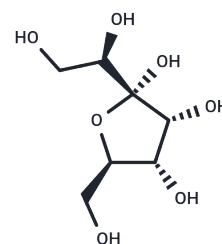


## D-altrofurano-heptulose-3

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 25545-06-6  |
| Formula:          | C7H14O7   |
| Molecular Weight: | 210.18  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | D-altrofurano-heptulose-3 (alpha-D-Altro-3-heptulofuranose) is isolated from the rhizomes of Actinidia kolomikta (Rupr. & Maxim.) Maxim., Actinidiaceae |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.7578 mL | 23.7891 mL | 47.5783 mL |
| 5 mM  | 0.9516 mL | 4.7578 mL  | 9.5157 mL  |
| 10 mM | 0.4758 mL | 2.3789 mL  | 4.7578 mL  |
| 50 mM | 0.0952 mL | 0.4758 mL  | 0.9516 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ye, C., Jin, M., Jin, C. et al. Inhibitory Effects of Chemical Constituents from Actinidia kolomikta on LPS-Induced Inflammatory Responses. Rev. Bras. Farmacogn. 30, 127-131 (2020).

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