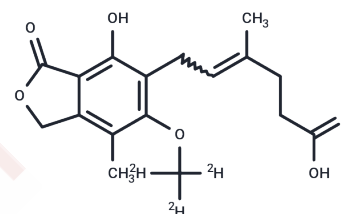


Mycophenolic acid-D3

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1185242-90-3 |
| Formula: | C ₁₇ H ₂₀ O ₆ |
| Molecular Weight: | 323.36 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | Mycophenolic acid-D3 is a derivative of Mycophenolic acid. Mycophenolic acid (T1335) is a compound that reduces GTP level and impacts transcription elongation of RNA polymerase II (RNAP II), promotes proximal site use and reverses the effect of cordyceps on selective polyadenylation. |
| Targets(IC50) | Apoptosis, Anti-infection, Endogenous Metabolite, Antibacterial, Antibiotic, Antifungal |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 90 mg/mL (278.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.0925 mL | 15.4626 mL | 30.9253 mL |
| 5 mM | 0.6185 mL | 3.0925 mL | 6.1851 mL |
| 10 mM | 0.3093 mL | 1.5463 mL | 3.0925 mL |
| 50 mM | 0.0619 mL | 0.3093 mL | 0.6185 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

Tszyrsznic W, et al. Two rapid ultra performance liquid chromatography/tandem mass spectrometry (UPLC/MS/MS) methods with common sample pretreatment for therapeutic drug monitoring of immunosuppressants compared to immunoassay. J Chromatogr B Analyt Technol Biomed Life Sci. 2013;928:9-15.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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