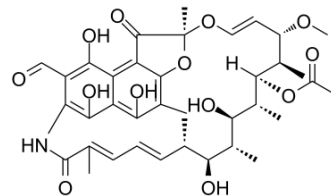


3-Formyl rifamycin

| | | | |
|--------------------|--|-------|----------|
| Cat. No.: | HY-129043 | | |
| CAS No.: | 13292-22-3 | | |
| Molecular Formula: | C ₃₈ H ₄₇ NO ₁₃ | | |
| Molecular Weight: | 725.78 | | |
| Target: | Others | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|--------------|-----------|------------|
| In Vitro | DMSO : 62.5 mg/mL (86.11 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 1.3778 mL | 6.8891 mL | 13.7783 mL |
| | | 5 mM | 0.2756 mL | 1.3778 mL | 2.7557 mL |
| 10 mM | | 0.1378 mL | 0.6889 mL | 1.3778 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (2.87 mM); Clear solution | | | | |
| | 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.08 mg/mL (2.87 mM); Suspended solution; Need ultrasonic | | | | |

BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | 3-Formyl rifamycin is an intermediate of Rifampicin. |
|-------------|--|

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