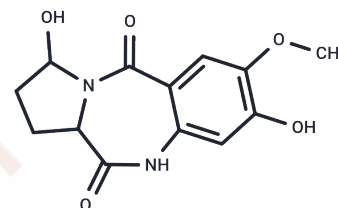


RK 1441B

Chemical Properties

CAS No. : 132138-94-4
 Formula: C₁₃H₁₄N₂O₅
 Molecular Weight: 278.26
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	RK 1441B is a bacteriophage antibiotic related to neothramycin.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5938 mL	17.9688 mL	35.9376 mL
5 mM	0.7188 mL	3.5938 mL	7.1875 mL
10 mM	0.3594 mL	1.7969 mL	3.5938 mL
50 mM	0.0719 mL	0.3594 mL	0.7188 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

- Osada H, Uramoto M, Uzawa J, Kajikawa K, Isono K. New pyrrolobenzodiazepine antibiotics, RK-1441A and B. II. Isolation and structure. Agric Biol Chem. 1990 Nov;54(11):2883-7. PubMed PMID: 1368648.
 Osada H, Ishinabe K, Yano T, Kajikawa K, Isono K. New pyrrolobenzodiazepine antibiotics, RK-1441A and B. I. Biological properties. Agric Biol Chem. 1990 Nov;54(11):2875-81. PubMed PMID: 1369312.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481