

Amikacin-D5

Chemical Properties

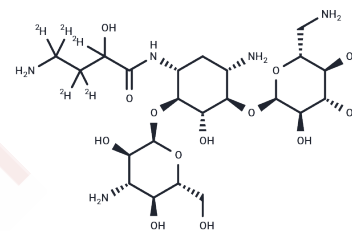
CAS No. :

Formula: C22H38D5N5O13

Molecular Weight: 590.63

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

Amikacin-D5 is a deuterated compound of Amikacin. Amikacin (T1013) has a CAS number of 37517-28-5. Amikacin (T1013) is a broad-spectrum antibiotic derived from kanamycin.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6931 mL	8.4655 mL	16.9311 mL
5 mM	0.3386 mL	1.6931 mL	3.3862 mL
10 mM	0.1693 mL	0.8466 mL	1.6931 mL
50 mM	0.0339 mL	0.1693 mL	0.3386 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481