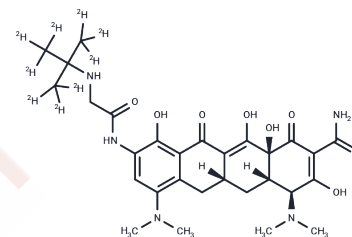


Tigecycline-D9

Chemical Properties

CAS No. :	2699607-86-6
Formula:	C ₂₉ H ₃₀ D ₉ N ₅ O ₈
Molecular Weight:	594.7
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	Tigecycline-D9 is a deuterated compound of Tigecycline. Tigecycline (T1569) has a CAS number of 220620-09-7. Tigecycline (T1569) is a broad-spectrum glycylicycline antibiotic derived from tetracycline. Tigecycline (T1569) binds to the 30S ribosomal subunit, thereby interfering with the binding of aminoacyl-tRNA to the mRNA-ribosome complex.
Targets(IC50)	Antibacterial, Antibiotic, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6815 mL	8.4076 mL	16.8152 mL
5 mM	0.3363 mL	1.6815 mL	3.363 mL
10 mM	0.1682 mL	0.8408 mL	1.6815 mL
50 mM	0.0336 mL	0.1682 mL	0.3363 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