

Paclitaxel-D5 (benzoyloxy)

Chemical Properties

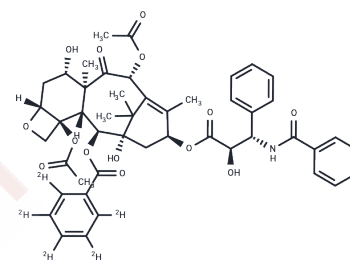
CAS No. : 1261254-56-1

Formula: C₄₇H₅₁NO₁₄

Molecular Weight: 858.94

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	Paclitaxel-D5 (benzoyloxy) is the deuterated form of Paclitaxel, a natural antineoplastic agent that stabilizes the polymerization of tubulin. It induces mitotic arrest and apoptosis, ultimately leading to cell death. Additionally, Paclitaxel (T0968) can also induce autophagy.
Targets(IC50)	Apoptosis, Microtubule Associated, Autophagy, ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1642 mL	5.8211 mL	11.6423 mL
5 mM	0.2328 mL	1.1642 mL	2.3285 mL
10 mM	0.1164 mL	0.5821 mL	1.1642 mL
50 mM	0.0233 mL	0.1164 mL	0.2328 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

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