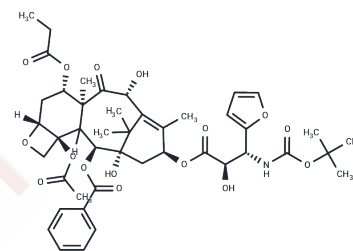


Milataxel

Chemical Properties

CAS No. :	393101-41-2
Formula:	C44H55NO16
Molecular Weight:	853.9
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	Milataxel is an orally bioavailable taxane with potential antineoplastic activity. Upon oral administration, milataxel and its major active metabolite M-10 bind to and stabilize tubulin, resulting in the inhibition of microtubule depolymerization and cell division, cell cycle arrest in the G2/M phase, and the inhibition of tumor cell proliferation. Unlike other taxane compounds, milataxel appears to be a poor substrate for the multidrug resistance (MDR) membrane-associated P-glycoprotein (P-gp) efflux pump and may be useful for treating multidrug-resistant tumors. Check for active clinical trials or closed clinical trials using this agent. (NCI Thesaurus). This compound is unstable in powder form and other related salt forms are recommended.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1711 mL	5.8555 mL	11.711 mL
5 mM	0.2342 mL	1.1711 mL	2.3422 mL
10 mM	0.1171 mL	0.5855 mL	1.1711 mL
50 mM	0.0234 mL	0.1171 mL	0.2342 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.

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