

PEN-221

Chemical Properties

CAS No. : 1853254-97-3

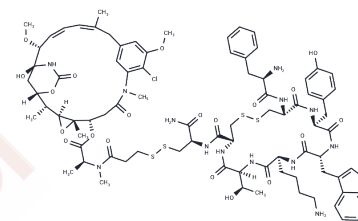
Formula: C₈₃H₁₀₉ClN₁₄O₂₀S₄

Molecular Weight: 1786.55

Keep away from moisture

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	PEN-221 is a Somatostatin receptor 2 (SSTR2)-targeting cytotoxic conjugate with an IC ₅₀ of 10 nM. PEN-221 is a conjugate consisting of microtubule-targeting agent DM1 linked to the C-terminal side chain of Tyr3-octreotate.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5597 mL	2.7987 mL	5.5974 mL
5 mM	0.1119 mL	0.5597 mL	1.1195 mL
10 mM	0.056 mL	0.2799 mL	0.5597 mL
50 mM	0.0112 mL	0.056 mL	0.1119 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

White BH, et al. Discovery of an SSTR2-Targeting Maytansinoid Conjugate (PEN-221) with Potent Activity in Vitro and in Vivo. *J Med Chem.* 2019 Mar 14;62(5):2708-2719.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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