

Motexafin lutetium

Chemical Properties

CAS No. :	246252-04-0
Formula:	C52H72LuN5O14
Molecular Weight:	1166.12
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Motexafin lutetium (PCI-0123) is a near-infrared photosensitizer characterized by a broad absorption band centered at 732 nm. It was synthesized to enhance the efficacy of photodynamic therapy and is applicable in studies involving EMT6 sarcoma.
Targets(IC50)	Photosensitizer

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8575 mL	4.2877 mL	8.5754 mL
5 mM	0.1715 mL	0.8575 mL	1.7151 mL
10 mM	0.0858 mL	0.4288 mL	0.8575 mL
50 mM	0.0172 mL	0.0858 mL	0.1715 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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