

ICy-OH

Chemical Properties

CAS No. :	2863682-80-6
Formula:	C ₂₆ H ₂₅ I ₂ NO ₂
Molecular Weight:	637.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	ICy-OH, a iodinated photosensitizer, serves as a potent anticancer agent, capable of deep tissue imaging (λ_{ex} =640 nm, λ_{em} =690-740 nm) and selectively triggering cell death in pancreatic cancer cells through the cell pyroptosis pathway [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5691 mL	7.8457 mL	15.6914 mL
5 mM	0.3138 mL	1.5691 mL	3.1383 mL
10 mM	0.1569 mL	0.7846 mL	1.5691 mL
50 mM	0.0314 mL	0.1569 mL	0.3138 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.

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