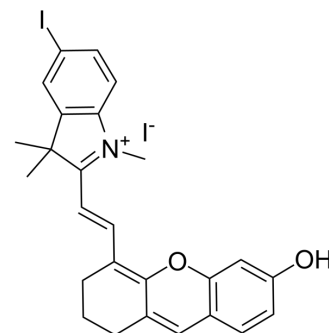


ICy-OH

Cat. No.:	HY-150970
CAS No.:	2863682-80-6
Molecular Formula:	C ₂₆ H ₂₅ I ₂ NO ₂
Molecular Weight:	637.29
Target:	Pyroptosis
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ICy-OH, an iodinated photosensitizer, is an effective anticancer agent. ICy-OH can be used not only for deep tissue imaging ($\lambda_{ex}=640\text{ nm}$ $\lambda_{em}=690-740\text{ nm}$) but also to selectively induce cell death in pancreatic cancer cells via cell pyroptosis pathway [1].

REFERENCES

[1]. Bo Peng, et al. NQO-1 Enzyme-Activated NIR Theranostic Agent for Pancreatic Cancer. Anal Chem. 2022 Aug

Caution: Product has not been fully validated for medical applications. For research use only.

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