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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CDDP-PEG-Cy3

Cat. No.:	HY-D2438
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

CDDP-PEG-Cy3

BIOLOGICAL ACTIVITY

Description

CDDP-PEG-Cy3 is a CDDP-PEG conjugate labeled with Cy3 (HY-D0822). The Cy3 fluorophore is commonly used in applications such as immunolabeling, nucleic acid labeling, fluorescence microscopy, and flow cytometry. The maximum emission wavelength of Cy3 is approximately 562-570 nm. Cisplatin (CDDP) (HY-17394) is an antineoplastic chemotherapy agent by cross-linking with DNA and causing DNA damage in cancer cells. Cisplatin activates ferroptosis and induces autophagy^{[1][2][3]}.

REFERENCES

- [1]. Wang X, et al. Requirement for ERK activation in cisplatin-induced apoptosis. J Biol Chem. 2000 Dec 15;275(50):39435-43
- [2]. Cummings BS, et al. Cisplatin-induced renal cell apoptosis: caspase 3-dependent and -independent pathways. J Pharmacol Exp Ther. 2002 Jul;302(1):8-17.
- [3]. Park HR, et al. Enhanced antitumor efficacy of cisplatin in combination with HemoHIM in tumor-bearing mice. BMC Cancer. 2009 Mar 17;9:85.

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

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