



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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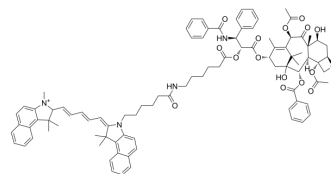
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Cy5-Paclitaxel

Cat. No.:	HY-D2422B
Molecular Formula:	$C_{93}H_{104}N_4O_{16}^+$
Molecular Weight:	1533.84
Target:	Fluorescent Dye; Microtubule/Tubulin
Pathway:	Others; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cy5-Paclitaxel is a CY5 (HY-D0821) labeled Paclitaxel (HY-B0015) conjugate. Cy5 is a Cyanine dye (with a long wavelength about 662nm) that can be used for molecular labeling and microscopy imaging. Paclitaxel stabilizes tubulin polymerization. Paclitaxel can cause both mitotic arrest and apoptotic cell death. Paclitaxel also induces autophagy^[1].

REFERENCES

[1]. Xu C, et al. Photo-controlled release of paclitaxel and model drugs from RNA pyramids. Nano Res. 2019 Jan;12(1):41-48.

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

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