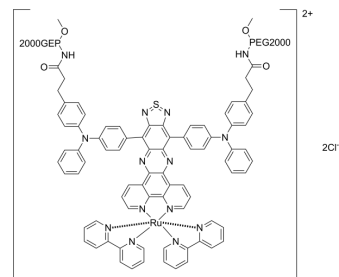


## HL-PEG2k

Cat. No.:	HY-142533
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

HL-PEG2k is a second near-infrared Ru(II) polypyridyl complex. HL-PEG2k exhibits a wavelength bathochromic shift, enhanced photothermal conversion efficiency (41.77%), and an antineoplastic effect against glioma. HL-PEG2k displays a superior biocompatibility and thus can be a potential theranostic platform to combat the growth and recurrence of tumors [1].

## REFERENCES

[1]. Liu Y, et al. A Second Near-Infrared Ru(II) Polypyridyl Complex for Synergistic Chemo-Photothermal Therapy. J Med Chem. 2022;65(3):2225-2237.

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

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