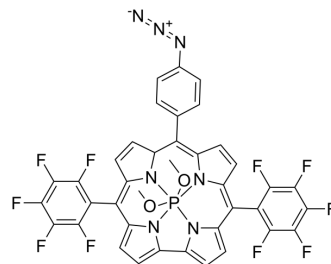


## Antitumor agent-131

Cat. No.:	HY-162129
Molecular Formula:	C <sub>39</sub> H <sub>19</sub> F <sub>10</sub> N <sub>7</sub> O <sub>2</sub> P
Molecular Weight:	838.57
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-131 (Compound 2-p) is an ER fluorescent probe with an IC<sub>50</sub> value of 23 nM for HepG2 tumor cells. Antitumor agent-131 can be used as a photosensitizer for the study of cancer photodynamics<sup>[1]</sup>.

### REFERENCES

[1]. Cen JH, et al. Azide-modified corrole phosphorus complexes for endoplasmic reticulum-targeted fluorescence bioimaging and effective cancer photodynamic therapy. *Eur J Med Chem.* 2024 Feb 5;265:116102.

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

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