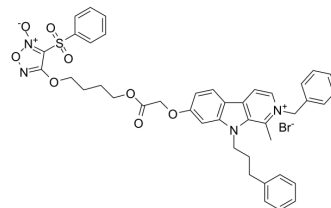


## Antitumor agent-49

Cat. No.:	HY-145908
CAS No.:	2763914-21-0
Molecular Formula:	C <sub>42</sub> H <sub>41</sub> BrN <sub>4</sub> O <sub>8</sub> S
Molecular Weight:	841.77
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-49 (Compound 10) is a Harmine derivative-furoxan hybrids containing NO donor, with antitumor activities. Antitumor agent-49 shows cytotoxic activity against HepG2 cells with an IC<sub>50</sub> of 1.79 μM. Antitumor agent-49 produces high levels of NO in vitro<sup>[1]</sup>.

### REFERENCES

[1]. Zhezhe Li, et al. Synthesis of harmine-nitric oxide donor derivatives as potential antitumor agents. *Bioorg Med Chem Lett.* 2022 Mar 24;65:128698.

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

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