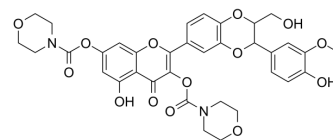


## Antitumor agent-48

Cat. No.:	HY-115950
CAS No.:	2917547-29-4
Molecular Formula:	C <sub>35</sub> H <sub>34</sub> N <sub>2</sub> O <sub>14</sub>
Molecular Weight:	706.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-48 (Compound 4a) is a 2,3-dehydrosilybin derivative with an antitumor activity. Antitumor agent-48 shows cytotoxic activity against MCF-7, NCI-H1299, HepG2 and HT29 cells with IC<sub>50</sub> values of 8.06 μM, 13.1 μM, 16.51 μM and 12.44 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Qiuchan Wu, et al. Synthesis and antitumor activity of novel silibinin and 2,3-dehydrosilybin derivatives with carbamate groups. Med Chem Res. 2022;31(4):533-544.

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

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