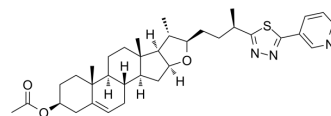


## Antitumor agent-64

Cat. No.:	HY-147538
CAS No.:	2396562-55-1
Molecular Formula:	C <sub>35</sub> H <sub>47</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	589.83
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitumor agent-64 (Compound 8d) is a diosgenin derivative. Antitumor agent-64 exhibits potent cytotoxic activity against A549 cell line. Antitumor agent-64 induces A549 cells apoptosis via the mitochondria-related pathway<sup>[1]</sup>.

### REFERENCES

[1]. Zhang J, et al. Novel diosgenin derivatives containing 1,3,4-oxadiazole/thiadiazole moieties as potential antitumor agents: Design, synthesis and cytotoxic evaluation. *Eur J Med Chem.* 2020 Jan 15;186:111897.

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

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