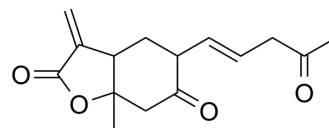


## Monaspin B

Cat. No.:	HY-N12534
CAS No.:	2897653-87-9
Molecular Formula:	C <sub>15</sub> H <sub>18</sub> O <sub>4</sub>
Molecular Weight:	262.3
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Monaspin B is a natural product produced by the co-culture of *Monascus purpureus* and *Aspergillus oryzae*. Monaspin B exerts anti-proliferation activity by inducing apoptosis of HL-60 cells, IC<sub>50</sub> 160 nM. Monaspin B has antitumor activity<sup>[1]</sup>.

### REFERENCES

[1]. Meng Z, et al. Monaspin B, a Novel Cyclohexyl-furan from Cocultivation of *Monascus purpureus* and *Aspergillus oryzae*, Exhibits Potent Antileukemic Activity. *J Agric Food Chem.* 2024 Jan 3.

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

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