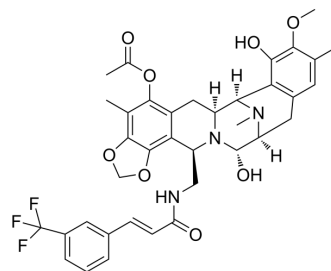


## Zalypsis

Cat. No.:	HY-16401
CAS No.:	308359-57-1
Molecular Formula:	C <sub>37</sub> H <sub>38</sub> F <sub>3</sub> N <sub>3</sub> O <sub>8</sub>
Molecular Weight:	709.71
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Zalypsis (PM00104) has anti-tumor activity. Zalypsis binds to DNA and shows cytotoxicity. Zalypsis inhibits cell cycle and transcription, and leads to double stranded DNA breaks<sup>[1][2]</sup>.

### REFERENCES

- [1]. Duan Z, et al. Diverse cross-resistance phenotype to ET-743 and PM00104 in multi-drug resistant cell lines. *Cancer Chemother Pharmacol*. 2009 May;63(6):1121-9.
- [2]. Petek BJ, et al. PM00104 (Zalypsis®): a marine derived alkylating agent. *Molecules*. 2014 Aug 15;19(8):12328-35.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA