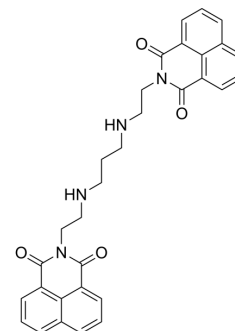


## Elinafide

Cat. No.:	HY-13620		
CAS No.:	162706-37-8		
Molecular Formula:	C <sub>31</sub> H <sub>28</sub> N <sub>4</sub> O <sub>4</sub>		
Molecular Weight:	520.58		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Elinafide is an anticancer agent with a naphthalimide structure that targets DNA. Elinafide interferes with cell metabolism by inserting a planar ring into the DNA double helix and interacting with enzymes through its side chain. The IC<sub>50</sub> value of Elinafide for HT-29 cells is 0.014 μM<sup>[1]</sup>.

### REFERENCES

[1]. Braña MF, et al. Naphthalimides as anti-cancer agents: synthesis and biological activity. *Curr Med Chem Anticancer Agents*. 2001;1(3):237-255.

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

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