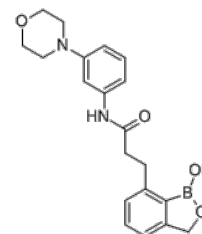


**Product Name** : HQY426  
**Cat. No.** : PC-21416  
**CAS No.** :  
**Molecular Formula** : C<sub>20</sub>H<sub>23</sub>BN<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 366.22  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

HQY426 is a specific, orally bioavailable inhibitor of pre-messenger RNA endonuclease cleavage and polyadenylation specificity factor 3 (**CPSF3**) with binding IC<sub>50</sub> of 0.32 μM, exhibits potent antitumor activity.

HQY426 suppresses cell proliferation and causes G<sub>2</sub>-M arrest and apoptosis in ovarian cancer cells.

HQY426 (10 mg/kg per day) exhibits potent therapeutic efficacy and low systemic toxicity in SKOV3 xenografts BALB/c nude mice.

HQY426 effectively exacerbated genomic instability by down-regulating DNA damage repair genes and thus acted in synergy with poly(adenosine 5'-diphosphate-ribose) polymerase inhibition.

## References

Shen P, et al. *Sci Adv.* 2023 Nov 24;9(47):eadj0123.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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