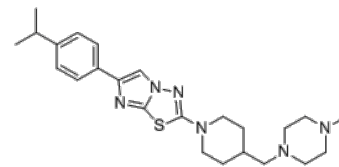


**Product Name** : E260  
**Cat. No.** : PC-62649  
**CAS No.** : 1241537-79-0  
**Molecular Formula** : C<sub>24</sub>H<sub>34</sub>N<sub>6</sub>S  
**Molecular Weight** : 438.638  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

E260 is a novel inhibitor of the **Fer/FerT** kinase with K<sub>d</sub> of 0.85 μM, selectively evokes metabolic stress and necrotic death in cancer cells.

E260 compromises mitochondrial integrity, and activates PARP-1 and autophagy, thereby targeting the energy management system of cancer cells.

E260 exhibits a viability EC<sub>50</sub> of 400 nM after 24 h of treatment and an EC<sub>50</sub> of 300 nM after 48 h in metastatic SW620 cells.

E260 suppresses xenografts progression in vivo.

## References

Elkis Y, et al. *Nat Commun.* 2017 Oct 16;8(1):940.

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

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