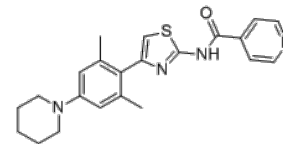


**Product Name** : INH154  
**Cat. No.** : PC-61480  
**CAS No.** : 1587705-63-2  
**Molecular Formula** : C<sub>22</sub>H<sub>24</sub>N<sub>4</sub>OS  
**Molecular Weight** : 392.521  
**Target** : Hec1/Nek2  
**Solubility** : 10 mM in DMSO



### Biological Activity

INH154 is a novel small molecules disrupting **Hec1/Nek2** interaction, inhibits HeLa and MDA-MB-468 cancer cells growth with IC<sub>50</sub> of 0.20 and 0.12 uM, respectively.

INH154 suppresses the growth of leukemia, osteosarcoma, and glioblastoma cells, but has no significant growth inhibitory effects on non-tumorigenic fibroblast, HS27 and mammary epithelial cells.

INH-154 triggers Nek2 degradation and eventually cell death, suppresses tumor growth in mice without obvious toxicity.

### References

Hu CM, et al. *Oncogene*. 2015 Mar 5;34(10):1220-30.

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

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