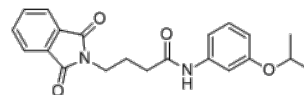


**Product Name** : Kakeimide  
**Cat. No.** : PC-49219  
**CAS No.** : 928975-34-2  
**Molecular Formula** : C<sub>21</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 366.417  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

Kakeimide is a potent **GH3** inhibitor that selectively targets IAA-conjugating GH3 proteins at subnanomolar concentrations in vitro, shows auxin-like activity by inhibiting endogenous IAA catabolism.

### References

Kosuke Fukui, et al. *Proc Natl Acad Sci U S A*. 2022 Aug 9;119(32):e2206869119.

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

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