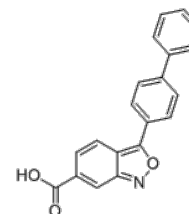


**Product Name** : UNC7467  
**Cat. No.** : PC-38497  
**CAS No.** : 2922283-43-8  
**Molecular Formula** : C<sub>20</sub>H<sub>13</sub>NO<sub>3</sub>  
**Molecular Weight** : 315.328  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

UNC7467 is a potent, selective inositol hexakisphosphate kinase (**IP6K**) inhibitor with IC<sub>50</sub> values of 8.9 nM (IP6K1), 4.9 nM (IP6K2) and 1320 nM (IP6K3).

UNC7467 reduced levels of inositol pyrophosphates by 66-81% in HCT116 colon cancer cell line, without significantly perturbing levels of other inositol phosphates.

UNC7467 improved glycemic profiles, ameliorated hepatic steatosis, and reduced weight gain without altering food intake in diet-induced obese (DIO) mice.

UNC7467 is an in vivo chemical probe for IP6K-related research.

## References

Yubai Zhou, et al. *J Med Chem.* 2022. DOI: 10.1021/acs.jmedchem.2c00220

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

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