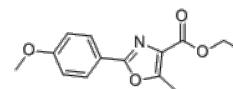


**Product Name** : CIB-3b  
**Cat. No.** : PC-38904  
**CAS No.** : 124811-87-6  
**Molecular Formula** : C<sub>14</sub>H<sub>15</sub>NO<sub>4</sub>  
**Molecular Weight** : 261.277  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

CIB-3b is a small molecule inhibitor disrupting the **TRBP-Dicer** interaction, suppresses the growth and metastasis of HCC in vitro and in vivo by modulating expression profiles of miRNAome and proteome in HCC cells.

CIB-3b directly binds to transactivation response (TAR) RNA-binding protein 2 (TRBP), altering the activity of Dicer and mature miRNA production.

## References

Ting Peng, et al. *J. Med. Chem.* 2022

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

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