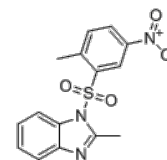


**Product Name** : BI6015  
**Cat. No.** : PC-72021  
**CAS No.** : 93987-29-2  
**Molecular Formula** : C<sub>15</sub>H<sub>13</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 331.346  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

BI 6015 (BI-6015) is a potent synthetic **HNF4α** antagonist, binds to HNF4α with high affinity and modulates HNF4α target genes and metabolic processes controlled by HNF4α.

BI 6015 reduced endogenous insulin gene expression 50-fold in T6PNE cells, and strongly repressed HNF4α gene expression in MIN6 and HepG2 cells.

BI 6015 induced steatosis in primary mouse hepatocytes, again without evidence of cell death in vitro, and induced loss of HNF4α expression and hepatic steatosis in vivo.

BI 6015 is also cytotoxic to human hepatocellular carcinoma (HCC).

## References

Alice Kiselyuk, et al. *Chem Biol*. 2012 Jul 27;19(7):806-18.

Kim JH, et al. *Br J Cancer*. 2019 Mar;120(5):488-498.

Mayati A, et al. *Biochem Pharmacol*. 2015 Dec 15;98(4):703-17.

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

E-mail: tech@probechem.com