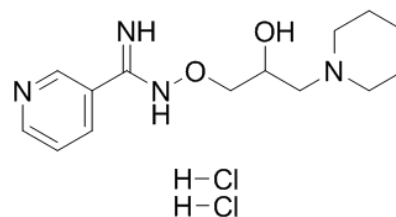


**Product Name** : BGP-15  
**Cat. No.** : PC-42269  
**CAS No.** : 66611-37-8  
**Molecular Formula** : C<sub>14</sub>H<sub>24</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 351.272  
**Target** : PARP  
**Solubility** : DMSO: 11.33 mg/mL



## Biological Activity

BGP-15 is a **PARP** inhibitor and an inducer of HSF-1/**HSP72** (cotreatment with heat) in vitro, has no effect on HSP90 levels. BGP-15 markedly increases the phosphorylation of HSF1 and expression of HSF1 and HSP72 in adipocytes and muscle cells. BGP-15 protects against obesity-induced insulin resistance and orally active. BGP-15 alleviates ventilation-induced diaphragm dysfunction associated with HSP72 induction and PARP-1 inhibition.

## References

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Racz I, et al. *Biochem Pharmacol.* 2002 Mar 15;63(6):1099-111.  
Kardon T, et al. *Anticancer Res.* 2006 Mar-Apr;26(2A):1023-8.

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

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