

Product Name : BGP-15

Synonyms : BGP 15;BGP15

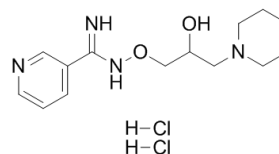
Cat No. : M15540

CAS Number : 66611-37-8

Molecular Formula : C₁₄H₂₄Cl₂N₄O₂

Formula Weight : 351.27

Chemical Name : 3-Pyridinecarboximidamide, N-[2-hydroxy-3-(1-piperidinyl)propoxy]-, hydrochloride (1:2)



Description : A PARP inhibitor and an inducer of HSF-1/HSP72 (cotreatment with heat) in viro; has no effect on HSP90 levels, markedly increases the phosphorylation of HSF1 and expression of HSF1 and HSP72 in adipocytes and muscle cells; protects against obesity-induced insulin resistance and orally active; alleviates ventilation-induced diaphragm dysfunction associated with HSP72 induction and PARP-1 inhibition. Diabetes Phase 2 Clinical

Pathway : Cell Cycle/DNA Damage

Target : PARP

Receptor : PARP

Solubility : DMSO: 11.33 mg/mL

SMILES : C1CCN(CC1)CC(CON=C(C2=CN=CC=C2)N)O.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Salah H, et al. Sci Transl Med. 2016 Aug 3;8(350):350ra103. | 2. Chung J, et al. Proc Natl Acad Sci U S A. 2008 Feb 5;105(5):1739-44. | 3. Raczi I, et al. Biochem Pharmacol. 2002 Mar 15;63(6):1099-111. | 4. Kardon T, et al. Anticancer Res. 2006 Mar-Apr;26(2A):1023-8.

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