

BGP-15, HSP72 activator

Catalog	Unit
TBI1373-5MG	5 mg
TBI1373-25MG	25 mg

Product Details

Formal Name: N-[2-Hydroxy-3-(1-piperidinyloxy)propoxy]-3-pyridinecarboximidamide, dihydrochloride

Molecular Formula: C₁₄H₂₂N₄O₂ • 2HCl

Formula Weight: 351.30

CAS Number: 66611-37-8

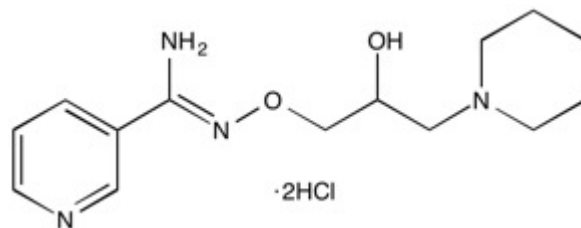
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 70 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

HSP72 activator

Functions

BGP-15 is a cellular protectant operating by several mechanisms. It is an insulin sensitizer, HSP72 activator, PARP inhibitor and ROS and lipid peroxidation reducer. It protects mitochondria in acetaminophen-induced liver injury as well as LPS-induced destabilization and activates mitochondrial fusion. Displays protective effects in heart failure and traumatic brain injury in animal models.

Application Procedures

First dissolved in Water (up to 70 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at room temperature for up to 1 month.

For research use only.