

**Product Name:** EB1002

**Cat. No.:** MRP-2505-CXX-11

**Package:** 1 mg/5 mg/10 mg/50 mg/100 mg

## Description

EB1002, a selective NK2R agonist, significantly increases mitochondrial biosynthesis gene expression (e.g., PGC-1 $\alpha$ ) in obese mice, promoting energy expenditure. It also improves insulin sensitivity and glycolipid metabolism, showing promise for obesity and type 2 diabetes research.

## Product Details

**Purity:** 99.91%

**Formula:** C<sub>73</sub>H<sub>124</sub>N<sub>12</sub>O<sub>23</sub>

**Molecular Weight:** 1537.83

**Appearance:** Solid

**Color:** White to off-white

**Biological Target:** Neurokinin Receptor

**Research Areas:** Metabolic Disease

**Solubility:** DMSO: 50 mg/mL (32.51 mM, need ultrasonic); H<sub>2</sub>O: 48.78 mg/mL (31.72 mM, adjust pH to 3 with 1 M HCL)

**Shipping Conditions:** Room Temperature

**Storage Information:** Powder: -80°C (2 years), -20°C (1 year); In solvent: -80°C (6 months), -20°C (1 month)

 For preclinical research and development use only; not intended for therapeutic or other applications.