

Product Name: Hexokinase II VDAC binding domain peptide, cell-permeable

Cat. No.: MRP-2505-CXX-17

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

Description

The cell-permeable Hexokinase II VDAC binding domain peptide (Hxk2VBD peptide) inhibits both hexokinase 2 (HXK2) mitochondrial localization and neurotrophic factor-directed axon outgrowth.

Product Details

Synonyms: Hxk2VBD peptide, cell-permeable

Purity: 98.37%

Formula: C₁₈₈H₂₉₁N₅₃O₄₀S₂

Molecular Weight: 3997.78

Appearance: Solid

Color: White to off-white

Biological Target: Hexokinase

Research Areas: Neurological Disease


Sequence: Arg-Gln-Ile-Lys-Ile-Trp-Phe-Gln-Asn-Arg-Arg-Met-Lys-Trp-Lys-Lys-Met-Ile-Ala-Ser-His-Leu-Leu-Ala-Tyr-Phe-Phe-Thr-Glu-Leu-Asn-NH₂

Sequence Shortening: RQIKIWFQNRRMKWKKMIASHLLAYFFTELN-NH₂

Solubility: DMSO: 5 mg/mL (1.25 mM, need ultrasonic)

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.