

Product Name: Tpp-CAQK

Cat. No.: MRP-2505-CXX-43

Package: 50 mg/100 mg/250 mg

Description

Tpp-CAQK binds to mitochondria, enabling the creation of Mito-Tpp-CAQK, an engineered mitochondrial compound with high bioactivity. Internalized by macrophages, Mito-Tpp-CAQK enhances myelin debris phagocytosis, alleviates mitochondrial dysfunction, and reduces proinflammatory profiles, promoting tissue repair and functional recovery after spinal cord injury in mice.

Product Details

Formula: C₄₀H₅₄BrN₆O₇PS

Molecular Weight: 873.84

Biological Target: Endogenous Metabolite

Research Areas: Inflammation/Immunology

Sequence: Cys-Ala-Gln-Lys-{TPP}

Sequence Shortening: CAQK-{TPP}

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.