

Product Name: QNZ

Cat. No.: BIAOS-2505-CXX-36

Package: 5 mg/25 mg

Description

QNZ is a potent inhibitor of NF- κ B activation (IC₅₀ = 11 nM) and TNF- α production (IC₅₀ = 7 nM), indirectly inhibiting NF- κ B via inhibition of store-operated calcium entry (SOC). QNZ reduces neuronal SOC, rescues dendritic spine loss, and is a potent inhibitor of mitochondrial complex I (IC₅₀ = 14–25 nM).

Product Details

Formal Name: 4-N-[2-(4-Phenoxyphenyl)ethyl]quinazoline-4, 6-diamine

Synonyms: EVP4593

Purity: >98%

CAS Number: 545380-34-5

Formula: C₂₂H₂₀N₄O

Molecular Weight: 356.42

Appearance: Powder

Solubility: Dissolves in DMSO (up to 20 mg/mL)

Stability: \geq 1 year

Application Procedures: First, dissolve in DMSO (up to 20 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20° for up to 1 month.

Storage Information: -20°C

Application

NF κ B inhibitor / Store-operated calcium entry

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