

Product Name: BT2

Cat. No.: BIAMM-2505-CXX-6

Package: 10 mg/50 mg

Description

BT2 inhibits mitochondrial branched-chain α -ketoacid dehydrogenase complex kinase (BCKDC) with an IC50 of 3.19 μ M. Inhibiting this kinase reduces in vivo levels of branched-chain amino acids.

Product Details

Formal Name: 3, 6-Dichlorobenzo[b]thiophene-2-carboxylic acid

Purity: >98%

CAS Number: 34576-94-8

Formula: C₉H₄Cl₂O₂S

Molecular Weight: 247.1

Appearance: Powder

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

Stability: \geq 2 years

Application Procedures: First, dissolve in DMSO (up to at least 20 mg/mL), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20°C for up to 3 months.

Storage Information: -20°C

Application

BCKDC kinase inhibitor

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