

Product Name: TIC10

Cat. No.: BIAOS-2505-CXX-42

Package: 5 mg/25 mg

Description

It potently activates mitochondrial caseinolytic protease P (ClpP), leading to eIF2 α -independent induction of ATF4 and Akt/ERK/Foxo3a/DR5/TRAIL-dependent apoptosis.

Product Details

Formal Name: 7-Benzyl-4-(2-methylbenzyl)-1, 2, 6, 7, 8, 9-hexahydroimidazo[1, 2-a]pyrido[3, 4-e]pyrimidin-5(4H)-one

Synonyms: ONC201

Purity: >98%

CAS Number: 1616632-77-9

Formula: C₂₄H₂₆N₄O

Molecular Weight: 386.49

Appearance: Powder

Solubility: Dissolves in DMSO (up to 25 mg/mL with warming)

Stability: \geq 1 year

Application Procedures: First, dissolve in DMSO (up to 25 mg/mL with warming), and then dilute it into an aqueous buffer. Solutions in DMSO can be stored at -20° for up to 2 months.

Storage Information: -20°C

Application

Mitochondrial caseinolytic protease P activator / Anticancer agent

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