

Product Name: Mito-lonidamine

Cat. No.: BIAOS-2505-CXX-33

Package: 5 mg/25 mg

Description

Mito-lonidamine, conjugated to a triphenylphosphonium moiety, effectively targets mitochondria. It is a tumor-selective inhibitor of oxidative phosphorylation, inhibiting mitochondrial bioenergetics in lung cancer cells.

Product Details

Formal Name: (10-(1-(2, 4-Dichlorobenzyl)-1H-indazole-3-carboxamido)decyl)triphenylphosphonium bromide

Purity: >98%

CAS Number: 2361564-49-8

Formula: C₄₃H₄₅BrCl₂N₃OP

Molecular Weight: 801.6

Appearance: Powder

Solubility: Dissolves in DMSO (30 mg/mL)

Stability: ≥ 2 years

Application Procedures: First, dissolve in DMSO (30 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

Mitochondria-targeted antiglycolytic agent

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