

Product Name: Siramesine

Cat. No.: BIAOS-2505-CXX-38

Package: 5 mg/25 mg

Description

Siramesine (Lu 28-179) induces caspase-independent programmed cell death in cancer cell lines by increasing ROS levels and causing lysosomal leakage. Mitochondrial destabilization due to loss of membrane potential and increased ROS is also a proposed mechanism for Siramesine-induced cell death.

Product Details

Formal Name: 1'-[4-[1-(4-Fluorophenyl)indol-3-yl]butyl]spiro[1H-2-benzofuran-3, 4'-piperidine;

Synonyms: Lu 28-179

Purity: >98%

CAS Number: 147817-50-3

Formula: C₃₀H₃₁FN₂O

Molecular Weight: 454.59

Appearance: Powder

Solubility: Dissolves in DMSO (up to at least 25 mg/mL)

Stability: ≥ 1 year

Application Procedures: First, dissolve in DMSO (up to at least 25 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

Selective sigma-2 agonist

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