Butyrolactone I

ALTERNATE NAME: BLI

CATALOG #: 1690-200

AMOUNT: 200 µg

STRUCTURE:

MOLECULAR FORMULA: C_{24}H_{24}O_{7}

MOLECULAR WEIGHT: 424.44

CAS NUMBER: 87414-49-1

APPEARANCE: White solid

SOLUBILITY: DMSO (10 mg/ml) and Ethanol (25 mg/ml)

PURITY: >99% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: Cell permeable. A potent and selective inhibitor of the cyclin-dependent kinases CDK1/cyclin B, CDK2 and CDK5. Inhibits cell cycle progression at the G1/S and G2/M transitions. BLI is an important tool for probing the cellular roles of CDKs. It blocks Fas-induced apoptosis and displays antitumor activity.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:
- Protein Kinase Inhibitors
- Active Kinases