PRODUCT: BAX Activator, BAM7

ALTERNATE NAME: 3-Methyl-1-(4-phenyl-2-thiazolyl)-1H-pyrazole-4,5-dione 4-[2-(2-Ethoxyphenyl)hydrazone]

CATALOG #: 2451-5, 25

AMOUNT: 5 mg, 25 mg

MOLECULAR FORMULA: C_{21}H_{19}N_{5}O_{2}S

MOLECULAR WEIGHT: 405.47

CAS NUMBER: 331244-89-4

APPEARANCE: Brown solid

SOLUBILITY: DMSO (~2 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: A potent and selective BAX activator (EC_{50} = 3.3 µM). BAM7 directly binds at the BH3-binding site; selective for BAX over other antiapoptotic and proapoptotic proteins. BAM7 triggers in vitro BAX oligomerization, BAX-mediated pore formation and BAX-dependent cell death. BAM7 selectively induces BAX-mediated apoptosis by triggering the hallmark features of intracellular BAX activation. BAM7 only kills the cell line that contains BAX, eliciting the biochemical and morphologic features of BAX-mediated apoptosis.


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

RELATED PRODUCTS:
- Actinomycin D (Cat. No. 1036-50, 50MG, 5MG)
- Anisomycin (Cat. No. 1549-10)
- Berberine chloride (Cat.No. 1830-100, 500)
- Brefeldin A (Cat. No. 1560-5, 50)
- Camptothecin (Cat. No. 1039-1, 100, 50MG, 500MG)
- Carboplatin (Cat. No. 1553-100)
- Colchicine (Cat. No. 1519-1000)
- Cycloheximide (Cat. No. 1041-1, 1G)
- Cyclosporine A (Cat. No. 1522-100)
- Daunorubicin HCI (Cat. No. 1524-10, 50, 500)
- Dexamethasone (Cat. No. 1042-1, 1G, 10G)
- Doxorubicin HCI (Cat. No. 1527-5)
- Etoposide (Cat. No. 1043-100, 25Mg, 250MG)
- LY573636 (Cat. No. 2297-5, 25)
- Ready-to-Use Apoptosis Inducer Set (Cat. No. K121-5)

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