PRODUCT: AT-406

ALTERNATE NAME: (5S,8S,10aR)-N-benzhydryl-5-[(S)-2-(methylamino)propanamido]-3-[3-(methylbutanoyl)-6-oxodehydropyrrolo[1,2-a][1,5]diazocine-8-carboxamide; SM-406

CATALOG NUMBER: B1829-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{32}H_{43}N_{5}O_{4}

MOLECULAR WEIGHT: 561.73

CAS NUMBER: 1071992-99-8

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: AT-406 is a potent inhibitor of IAP (inhibitor of apoptosis protein) family of proteins with potential apoptotic inducing and antineoplastic activity. AT-406 selectively inhibits the biological activity of IAP proteins, including X chromosome-linked IAP (XIAP), the cellular IAPs 1 (c-IAP1) and 2 (c-IAP2) and melanoma inhibitor of apoptosis protein (ML-IAP).


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)
- BAM7 (Cat. No. 2451-5, 25)
- 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 HCl (Cat. No. 1524-10, 50, 500)
- Dexamethasone (Cat. No. 1042-1, 1G, 10G)
- Doxorubicin HCl (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)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans