

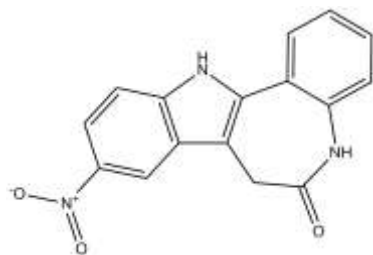
Alsterpauellone

ALTERNATE NAME: 9-Nitro-7,12-dihydroindolo-[3,2-d][1]benzazepin-6(5H)-one

CATALOG #: 1897-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₁N₃O₃

MOLECULAR WEIGHT: 293.28

CAS NUMBER: 237430-03-4

APPEARANCE: Yellow to brown solid

SOLUBILITY: DMSO (≥ 10 mg/ml)

PURITY: ≥ 95% by HPLC

STORAGE: Store at +4 °C

DESCRIPTION: Cell-permeable. A potent inhibitor of CDK1/cyclin B (IC₅₀ = 35 nM). Also inhibits CDK2/cyclin A, CDK2/cyclin E (IC₅₀ = 200 nM), CDK5/p25 (IC₅₀ = 40 nM), CDK5/p35 (IC₅₀ = 40 nM) and GSK-3β.

REFERENCE: Schultz, C., *et al.* (1999). *J. Med. Chem.* **42**, 2909-2919.

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 on humans.

RELATED PRODUCTS:

- BIO (Cat. No. 1673-1)
- Butyrolactone I (Cat. No. 1690-200)
- CHIR CHIR99021 (Cat. No. 1677-5, 25)
- EZSolution™ CHIR99021 (Cat. No. 1748-5)
- GSK-3 Inhibitor, TWS119 (Cat. No. 1655-2)
- SB-216763 (Cat. No. 1769-1, 5)