

Cat No. 63-T21

Iniparib

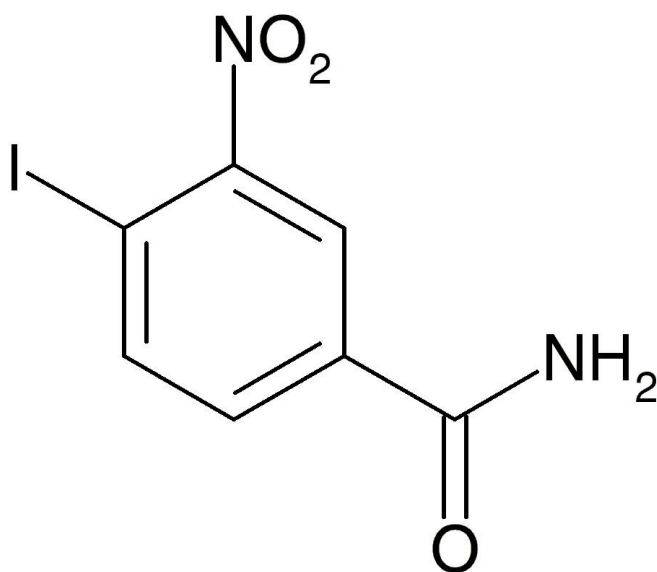
50 mg



For research purposes only

Iniparib is a potent inhibitor of poly (ADP-ribose) polymerase-1 (PARP1). PARP1 has been shown to play an important role in the repair of naturally occurring DNA damage in cells and in DNA that has been damaged by chemotherapy. When given as a single agent and in combination with other cytotoxic agents, BSI-201 is active against a broad range of cancer cells in culture. BSI-201 has demonstrated activity in multiple types of solid tumors, with prolonged inhibition of its target.

TECHNICAL INFORMATION



STORAGE AND HANDLING

Storage: Store at 4°C and protected from light. Following reconstitution, store aliquots at -20°C.

Stability: Stock solutions stable at -20°C for up to 2 years.

Shipping Conditions: Shipped at room temperature.

PRODUCT USE

Soluble in DMSO at 200 mg/ml. If precipitate is observed, vortex for 5 minutes. For most cells, the maximum tolerance to DMSO is less than 0.5%.

Other Names: BSI-201, IND-71677, 4-Iodo-3-nitrobenzamide

Chemical Formula: C₇H₅IN₂O₃

CAS Number: 160003-66-7

Molecular Weight: 292.03

Purity: >98%

Appearance: a crystalline solid

Solubility: DMSO

REFERENCES

1. Sandhu et al. (2011) The Emerging Role of Poly(ADP-Ribose) Polymerase Inhibitors in Cancer Treatment. Curr Drug Targets. Epub ahead of print.
2. Fogelman et al. (2011) Evidence for the efficacy of Iniparib, a PARP-1 inhibitor, in BRCA2-associated pancreatic cancer. Anticancer Res. 31(4):1417-20.
3. O'Shaughnessy et al. (2011) Iniparib plus chemotherapy in metastatic triple-negative breast cancer. N Engl J Med. 364(3):205-14.