



LKT Laboratories, Inc.

Iniparib

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Product Information

Product ID I5354

CAS No. 160003-66-7

Chemical Name

Synonym IND 71677; BSI-201

Formula $C_7H_5IN_2O_3$

Formula Wt. 292.03

Melting Point

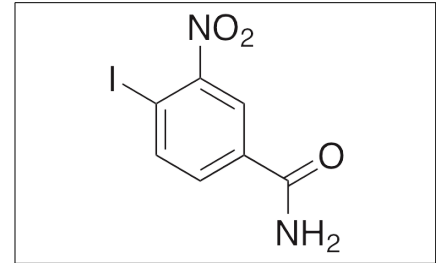
Purity $\geq 98\%$

Solubility

Store Temp 4°C

Ship Temp Ambient

Description Iniparib was initially discovered as an inhibitor of poly(ADP-ribose) polymerase (PARP 1), but has since been found to only weakly modulate PARP in an indirect manner. The exact mechanism of iniparib is unknown, but it is known to form adducts with cysteine-containing proteins. In vitro, iniparib inhibited single-stranded DNA break repair mechanisms. Clinical trials of this compound have shown mixed results in the treatment of cancers.



Bulk quantities available upon request

Product ID	Size
I5354	5 mg
I5354	10 mg
I5354	25 mg
I5354	100 mg

References Mateo J, Ong M, Tan DS, et al. Appraising iniparib, the PARP inhibitor that never was-what must we learn? *Nat Rev Clin Oncol*. 2013 Dec;10(12):688-96. PMID: 24129347.

Wilkinson-Ryan I, Mutch D. A review of iniparib in ovarian cancer. *Expert Opin Investig Drugs*. 2013 Mar;22(3):399-405. PMID: 23394483.

Ma W, Halweg CJ, Menendez D, et al. Differential effects of poly(ADP-ribose) polymerase inhibition on DNA break repair in human cells are revealed with Epstein-Barr virus. *Proc Natl Acad Sci U S A*. 2012 Apr 24;109(17):6590-5. PMID: 22493268

Liu X, Shi Y, Maag DX, et al. Iniparib nonselectively modifies cysteine-containing proteins in tumor cells and is not a bona fide PARP inhibitor. *Clin Cancer Res*. 2012 Jan 15;18(2):510-23. PMID: 22128301.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.