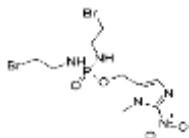


PRODUCT: Evofosamide

ALTERNATE NAMES: Phosphorodiamidic acid, N,N'-bis(2-bromoethyl)-, (1-methyl-2-nitro-1H-imidazol-5-yl)methyl ester; TH302; TH-302

CATALOG NUMBER: B1912-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₉H₁₆Br₂N₅O₄P

MOLECULAR WEIGHT: 449.04

CAS NUMBER: 918633-87-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98%

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

DESCRIPTION: Evofosamide (TH-302) is an anticancer agent that is a hypoxia-activated prodrug that is created by linking the hypoxia-seeking 2-nitroimidazole moiety to the cytotoxic bromo-isophosphoramidate mustard (Br-IPM). When evofosamide is delivered to hypoxic regions of tumors, the DNA cross-linking toxin, Br-IPM, is released leading to cell death.

REFERENCES: Portwood, S., *et al.* (2013). *Clin. Cancer Res.* **19**, 6506-6519.

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**)

Apoptosis activator 2 (**Cat. No. 2784-5, 25**)

BAM7 (**Cat. No. 2451-5, 25**)

Berberine chloride (**Cat.No. 1830-100, 500**)

Bioymifi (**Cat. No. 9424-5,25**)

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**)

PAC-1 (**Cat. No. 1654-10**)

Raptinal (**Cat. No. 9626-10, 50**)

Ready-to-Use Apoptosis Inducer Set (**Cat. No. K121-5**)

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