

IIIM-368

[IIIM-368/15 (Target: CDK)]

It is a new lead based on a marine natural product scaffold meriolin, with potent Cdk-2, and 9 inhibition (IC_{50} 5-24 nM). It possess potent in-vitro cytotoxicity in a panel of cancer cell lines, with most potent cytotoxicity in colon cancer cells (IC_{50} = 0.2 μ M). It has excellent PK by IV route. It showed promising in-vivo efficacy in murine solid tumor model by I.P. route. This lead is presently under in-vivo validation in human xenograft models.