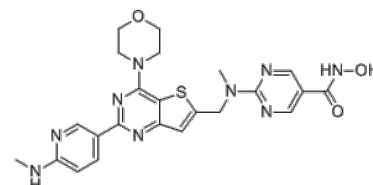


Product Name : BEBT-908
Cat. No. : PC-35868
CAS No. : 1235449-52-1
Molecular Formula : C₂₃H₂₅N₉O₃S
Molecular Weight : 507.573
Target : PI3K
Solubility : 10 mM in DMSO



1. US 20120088764 A1 20120.

Biological Activity

Ifupinostat (BEBT-908, CUDC-908) is a novel potent, dual **PI3K/HDAC** inhibitor with nanomolar IC₅₀ values of <0.1 uM (PI3K α) and 0.1-1 uM (HDAC).

BEBT-908 inhibited multiple pathways, including JAK/STAT3, MAPK/ERK and NF- κ B, and induced apoptosis and cell cycle arrest at G1 phase in these cells.

Dual PI3K/HDAC inhibition via BEBT-908 is superior to the inhibition of PI3K or HDAC alone.

References

