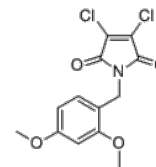


Product Name : IRES-C11
Cat. No. : PC-61359
CAS No. : 342416-30-2
Molecular Formula : C₁₃H₁₁Cl₂NO₄
Molecular Weight : 316.134
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

IRES-C11 is a specific **c-Myc IRES** (internal ribosome entry site) function inhibitor that prevents binding of hnRNP A1 to the Myc IRES and specifically inhibits Myc IRES activity in MM cells.

IRES-C11 shows no effect on BAG-1, XIAP and p53 IRESes, and has no significant effect on myc translation.

IRES-C11 significantly inhibits myc expression when combined with ER stress inducers, especially bortezomib.

IRES-C11 shows synergistic anti-MM cytotoxicity combined with ER stress inducers.

IRES-C11 also blocks cyclin D1 IRES-dependent initiation and demonstrates synergistic anti-GBM properties combined with PP242.

References

Shi Y, et al. *Oncogene*. 2016 Feb 25;35(8):1015-24.

Holmes B, et al. *J Biol Chem*. 2016 Jul 1;291(27):14146-59.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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