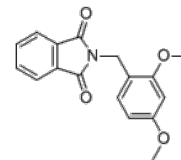


Product Name : IRES-J007
Cat. No. : PC-61358
CAS No. : 155514-72-0
Molecular Formula : C₁₇H₁₅NO₄
Molecular Weight : 297.31
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

IRES-J007 is an improved **IRES** inhibitor that blocks IRES-hnRNP A1 binding, binds to a small pocket structure within the RRM-containing fragment of hnRNP A1 (UP1 fragment), inhibits cyclin D1 and c-MYC IRES activity to a greater extent compared with C11 (IRES-C11).

IRES-J007 significantly reduces tumor growth of GBM xenografts in mice.

IRES-J007 markedly reduces the mRNA translational state of cyclin D1 and c-MYC transcripts combined with PP242.

References

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!

E-mail: tech@probechem.com