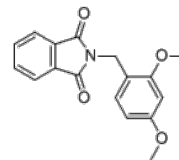


**Product Name** : IRES-J007  
**Cat. No.** : PC-61358  
**CAS No.** : 155514-72-0  
**Molecular Formula** : C<sub>17</sub>H<sub>15</sub>NO<sub>4</sub>  
**Molecular Weight** : 297.31  
**Target** : c-Myc  
**Solubility** : 10 mM in DMSO



### 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