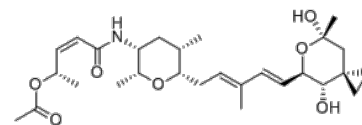


**Product Name** : FR901464  
**Cat. No.** : PC-62420  
**CAS No.** : 146478-72-0  
**Molecular Formula** : C<sub>27</sub>H<sub>41</sub>NO<sub>8</sub>  
**Molecular Weight** : 507.616  
**Target** : Spliceosome  
**Solubility** : 10 mM in DMSO



## Biological Activity

FR901464 is a potent antitumor natural product that binds to the splicing factor 3b (**SF3b**) complex and inhibits pre-mRNA splicing, inhibits cell cycle progression at G1 and G2/M phases.

## References

- Osman S, et al. *Chemistry*. 2011 Jan 17;17(3):895-904.  
Albert BJ, et al. *Mol Cancer Ther*. 2009 Aug;8(8):2308-18.  
Sato T, et al. *Sci Rep*. 2016 Jun 10;6:27829.

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

E-mail: tech@probechem.com