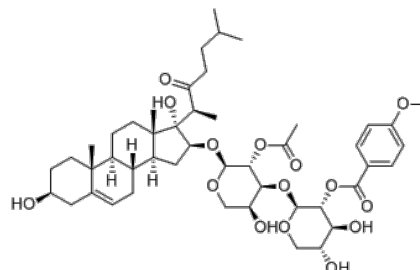


Product Name : OSW-1
Cat. No. : PC-62924
CAS No. : 145075-81-6
Molecular Formula : C₄₇H₆₈O₁₅
Molecular Weight : 873.046
Target : Enterovirus
Solubility : 10 mM in DMSO



Biological Activity

OSW-1 is a natural anti-enterovirus and anti-cancer compound that targets oxysterol-binding protein (**OSBP**) with K_i of 26 and 54 nM for OSBP and ORP4L, respectively.

OSW-1 potently inhibits the replication of enteroviruses with IC₅₀ values in the low nanomolar range.

OSW-1 exhibits antiproliferative activity in HCT-116 and HeLa cell lines.

References

- Burgett AW, et al. *Nat Chem Biol*. 2011 Aug 7;7(9):639-47.
Strating JR, et al. *Cell Rep*. 2015 Feb 3;10(4):600-15.
Zhou Y, et al. *J Natl Cancer Inst*. 2005 Dec 7; 97(23):1781-5.
Albulescu L, et al. *Antiviral Res*. 2015 May;117:110-4.

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

E-mail: tech@probechem.com