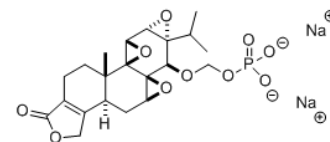


Product Name : Minnelide
Cat. No. : PC-70029
CAS No. : 1254702-87-8
Molecular Formula : C₂₁H₂₅Na₂O₁₀P
Molecular Weight : 514.374
Target : TAK1
Solubility : 10 mM in DMSO



Biological Activity

Minnelide is a water-soluble prodrug of triptolide that is highly effective in reducing pancreatic tumor growth and spread, and improving survival, induces and promotes apoptosis.

Minnelide efficiently downregulates both CD133(-) and CD133(+) population in the tumors, resulting in a 60% decrease in tumor volume.

Minnelide also is very effective as a therapeutic option against Castration Resistant Prostate Cancer (CRPC).

References

Chugh R, et al. *Sci Transl Med*. 2012 Oct 17;4(156):156ra139.

Banerjee S, et al. *Clin Cancer Res*. 2014 May 1;20(9):2388-99.

Isharwal S, et al. *Prostate*. 2017 May;77(6):584-596.

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

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