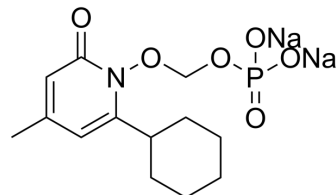


Fosciclopirox disodium

Cat. No.:	HY-109174A
CAS No.:	1380539-08-1
Molecular Formula:	C ₁₃ H ₁₈ NNa ₂ O ₆ P
Molecular Weight:	361.24
Target:	γ-secretase
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Fosciclopirox disodium suppresses growth of urothelial cancer by targeting the γ-secretase complex. Fosciclopirox disodium selectively delivers the active metabolite, Ciclopirox (HY-B0450), to the entire urinary tract. Ciclopirox has anticancer activity in a number of solid and hematologic malignancies^{[1][2]}.

REFERENCES

- [1]. Weir SJ, et al. Fosciclopirox suppresses growth of high-grade urothelial cancer by targeting the γ-secretase complex. *Cell Death Dis.* 2021 May 31;12(6):562.
- [2]. Weir SJ, et al. Preclinical Pharmacokinetics of Fosciclopirox, a Novel Treatment of Urothelial Cancers, in Rats and Dogs. *J Pharmacol Exp Ther.* 2019 Aug;370(2):148-159.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA