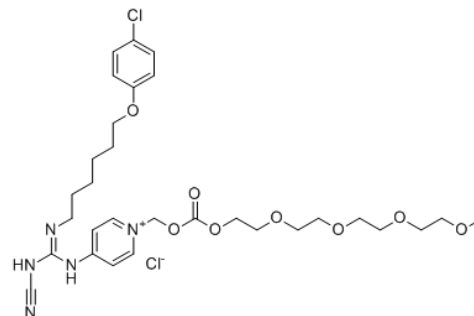


Product Name : GMX-1777 chloride
Cat. No. : PC-60007
CAS No. : 432037-57-5
Molecular Formula : C₃₀H₄₃Cl₂N₅O₈
Molecular Weight : 672.601
Target : NAMPT
Solubility : 100 mM in H₂O



Biological Activity

GMX-1777 chloride (Teglarinad) is the water-soluble prodrug of GMX-1778 (CHS-828), which is a potent and specific inhibitor of the NAD(+) biosynthesis enzyme **NAMPT** with IC₅₀ of <20 nM.

GMX-1777 shows anticancer activity in clinical trials, can be used in combination with other drugs to treat malignant melanoma.

References

- Watson M, et al. *Mol Cell Biol*. 2009 Nov;29(21):5872-88.
Beauparlant P, et al. *Anticancer Drugs*. 2009 Jun;20(5):346-54.
Kato H, et al. *Clin Cancer Res*. 2010 Feb 1;16(3):898-911.
Chan M, et al. *Cancer Res*. 2014 Nov 1;74(21):5948-54.

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

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