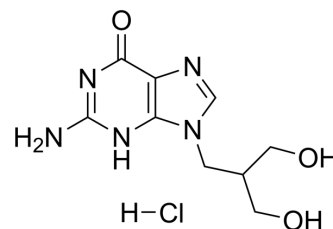


Tiviciclovir hydrochloride

Cat. No.:	HY-106233B
Molecular Formula:	C ₉ H ₁₄ ClN ₅ O ₃
Molecular Weight:	275.69
Target:	HBV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 5 mg/mL (18.14 mM); Clear solution; Need ultrasonic
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 5 mg/mL (18.14 mM); Clear solution; Need ultrasonic
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 5 mg/mL (18.14 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Tiviciclovir (AM188) hydrochloride is an antiviral guanosine analog and a hepatitis B virus inhibitor^[1].

REFERENCES

[1]. Wang J, et al. Renal excretion mechanisms of the antiviral nucleoside analogue AM 188 in the rat isolated perfused kidney. Clin Exp Pharmacol Physiol. 2004 Jan-Feb;31(1-2):29-34.

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

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