Ezurpimtrostat hydrochloride

Cat. No.: HY-137978A

CAS No.: 1914148-73-4

Molecular Formula: $C_{25}H_{32}Cl_2N_4$

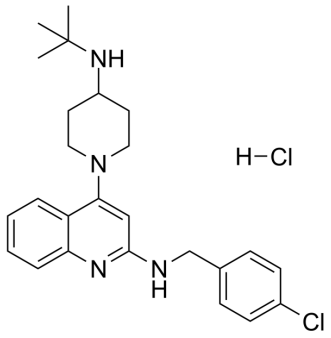
Molecular Weight: 459.45

Target: Others

Pathway: Others

Storage:

Powder	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 8.33 mg/mL (18.13 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.1765 mL	10.8826 mL	21.7652 mL
	5 mM	0.4353 mL	2.1765 mL	4.3530 mL
	10 mM	0.2177 mL	1.0883 mL	2.1765 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ezurpimtrostat hydrochloride (compound 2-3) is a potent and orally active anti-fibrotic agent. Ezurpimtrostat hydrochloride reduces significantly the liver fibrosis in DEN (diethyl nitrosamine) cirrhotic rat model. Ezurpimtrostat hydrochloride can be used for the research of fibrosis, cancer, autophagy and cathepsins B (CTSB), L (CTSL) and D (CTSD) related diseases [1].

In Vivo

Ezurpimtrostat hydrochloride (compound 2-3) (15 mg/kg/day, PO, for 6 weeks) significantly reduces the area of liver fibrosis and the level of collagen fibers deposition (by 41.0%) in DEN cirrhotic rat model[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Philippe Halfon, et al. Substituted 2,4 diamino-quinoline as new medicament for fibrosis, autophagy and cathepsins b (ctsb), l (ctsl) and d (ctsd) related diseases. EP3620164A1.

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

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