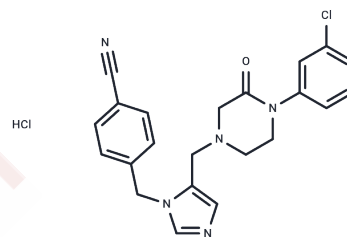


## L-778123 hydrochloride

## Chemical Properties

CAS No. :	253863-00-2
Formula:	C <sub>22</sub> H <sub>21</sub> Cl <sub>2</sub> N <sub>5</sub> O
Molecular Weight:	442.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	The L-778123 hydrochloride is an inhibitor of FPTase (IC <sub>50</sub> : 2 nM) and GGPTase-I (IC <sub>50</sub> : 98 nM) in enzyme inhibition determination.
Targets(IC <sub>50</sub> )	Telomerase,Transferase

## Solubility Information

Solubility	DMSO: 50 mg/mL (113.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2607 mL	11.3035 mL	22.607 mL
5 mM	0.4521 mL	2.2607 mL	4.5214 mL
10 mM	0.2261 mL	1.1304 mL	2.2607 mL
50 mM	0.0452 mL	0.2261 mL	0.4521 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Lobell RB, et al. Mol Y Ther. 2002 Jul;1(9):747-58.

Tschuck J, Theilacker L, Rothenaigner I, et al.Farnesoid X receptor activation by bile acids suppresses lipid peroxidation and ferroptosis.Nature Communications.2023, 14(1): 6908.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481