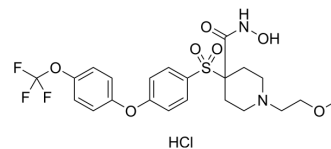


SD-2590 hydrochloride

Cat. No.:	HY-110116
CAS No.:	226395-93-3
Molecular Formula:	C ₂₂ H ₂₆ ClF ₃ N ₂ O ₇ S
Molecular Weight:	554.96
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

SD-2590 hydrochloride is a potent MMP inhibitor with IC₅₀ values of 0.1, 0.1, 0.18, and 1.7 nM for MMP2, MMP13, MMP9, and MMP8, respectively. SD-2590 hydrochloride inhibits dilation of the left ventricle in rats^[1].

REFERENCES

[1]. Becker DP, et, al. Orally active MMP-1 sparing α -tetrahydropyranyl and α -piperidinyl sulfone matrix metalloproteinase (MMP) inhibitors with efficacy in cancer, arthritis, and cardiovascular disease. J Med Chem. 2010 Sep 23;53(18):6653-80.

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