



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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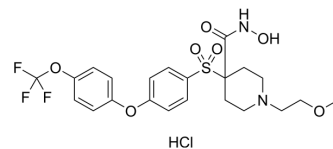
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## SD-2590 hydrochloride

Cat. No.:	HY-110116
CAS No.:	226395-93-3
Molecular Formula:	C <sub>22</sub> H <sub>26</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>7</sub> 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 IC<sub>50</sub> 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<sup>[1]</sup>.

### REFERENCES

[1]. Becker DP, et, al. Orally active MMP-1 sparing  $\alpha$ -tetrahydropyranyl and  $\alpha$ -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.**

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