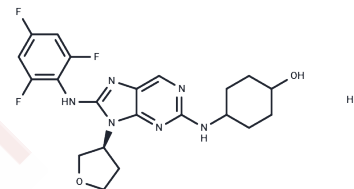


## (3S)-Tanzisertib hydrochloride

## Chemical Properties

CAS No. :	2517855-91-1
Formula:	C <sub>21</sub> H <sub>24</sub> ClF <sub>3</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	484.90
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(3S)-Tanzisertib (hydrochloride) ((3S)-CC-930 (hydrochloride)) is an orally active JNK inhibitor, exhibiting IC <sub>50</sub> values of 61 nM for JNK1, 7 nM for JNK2, and 6 nM for JNK3. It selectively inhibits ERK1, p38 $\alpha$ , and EGFR, with IC <sub>50</sub> values of 0.48 $\mu$ M, 3.4 $\mu$ M, and 0.38 $\mu$ M, respectively. In an acute rat PK-PD model, (3S)-Tanzisertib (hydrochloride) suppresses LPS-induced TNF $\alpha$ production and is utilized in research on idiopathic pulmonary fibrosis (IPF).
Targets(IC <sub>50</sub> )	ERK,EGFR,JNK,p38 MAPK,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0623 mL	10.3114 mL	20.6228 mL
5 mM	0.4125 mL	2.0623 mL	4.1246 mL
10 mM	0.2062 mL	1.0311 mL	2.0623 mL
50 mM	0.0412 mL	0.2062 mL	0.4125 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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