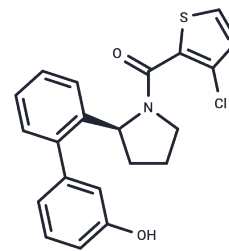


ESC1002755

## Chemical Properties

CAS No. : 2915567-21-2  
 Formula: C<sub>21</sub>H<sub>18</sub>ClNO<sub>2</sub>S  
 Molecular Weight: 383.89  
 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	ESC1002755 is an inhibitor of 17β-HSD10 with an IC <sub>50</sub> of 19 nM. Notably enzyme-specific, ESC1002755 exhibits non-competitive inhibition against the cofactor NADH. At a concentration of 50 μM, it shows minimal cytotoxicity in HEK293 cells. It holds potential for research in Alzheimer's disease and hormone-dependent cancers such as prostate, bone, and colorectal cancers.
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6049 mL	13.0246 mL	26.0491 mL
5 mM	0.521 mL	2.6049 mL	5.2098 mL
10 mM	0.2605 mL	1.3025 mL	2.6049 mL
50 mM	0.0521 mL	0.2605 mL	0.521 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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