

# COX / 5-LO-IN-1

Catalog No: tcsc7385



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 20mg



## Specifications

**CAS No:**

154355-75-6

**Formula:**

$C_{16}H_{15}FN_2O_2S$

**Pathway:**

Metabolic Enzyme/Protease;Immunology/Inflammation

**Target:**

5-Lipoxygenase;COX

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

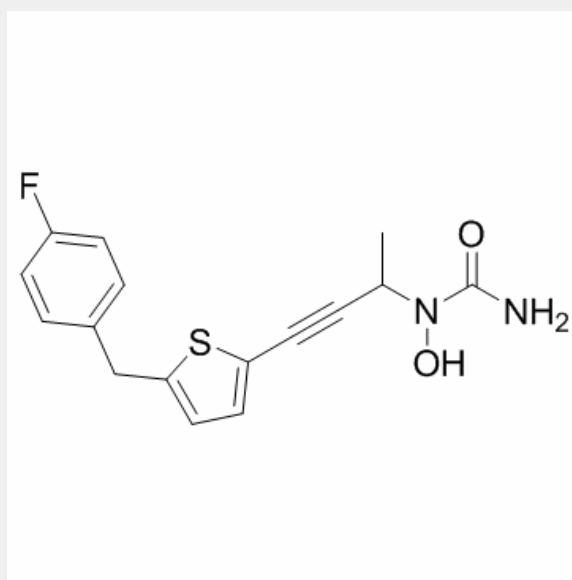
318.37

## Product Description

COX/5-LO-IN-1 is an inhibitor of **cylooxygenase** and **5-lipoxygenase**, used for the research of inflammatory and allergic disease

states.

***In Vitro:*** COX/5-LO-IN-1 reduces the biosynthesis of leukotrienes B4, C4, D4, and E4 and cyclooxygenase products such as prostaglandins and thromboxane and are useful in the treatment of inflammatory and allergic disease states<sup>[1]</sup>. COX/5-LO-IN-1 shows inhibitory activities against 5-lipoxygenase, with IC<sub>50</sub> of 0.2 μM in human whole blood<sup>[2]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!