

## Zileuton

Catalog No: #S0477

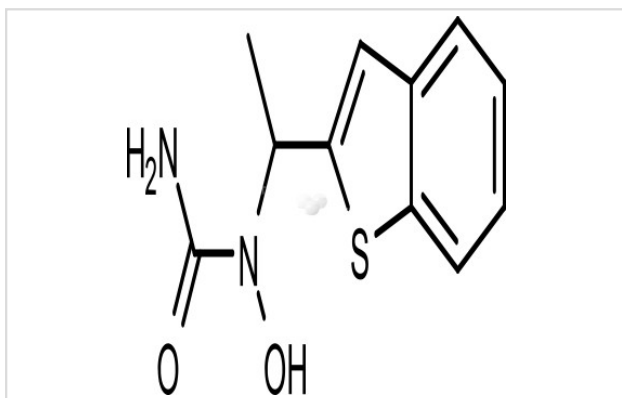
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Zileuton
Brief Description	Inhibitors
Purification	99.43%
Target Name	COX inhibitor; Lipoxygenase inhibitor
Calculated MW	236.29
Formulation	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area:Respiratory systemSMILES:CC(N(O)C(N)=O)C1=CC2=CC=CC=C2S1Pathways:Immunology/Inflammation; Metabolism; NeuroscienceReceptor:COX-1; 5-LipoxygenaseBoiling pt:449.4C?Melting pt:157-158CSolubility:Ethanol: 47 mg/mL (198.9 mM); DMSO: 47 mg/mL (198.9 mM)Appearance:White PowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20 °C for several month.

## References

1. Rossi A1, et al. Br J Pharmacol, 2010, 161(3), 555-570.

Note: This product is for in vitro research use only