

AZD5904

Catalog No: tcsc0035112



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

618913-30-7

Formula:

$C_{10}H_{12}N_4O_2S$

Pathway:

Metabolic Enzyme/Protease

Target:

Glutathione Peroxidase

Purity / Grade:

>98%

Solubility:

DMSO : 125 mg/mL (495.46 mM; Need ultrasonic and warming)

Observed Molecular Weight:

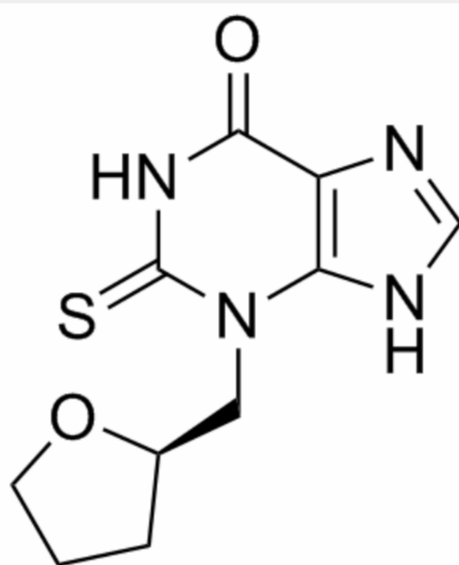
252.29

Product Description

AZD5904 is a potent and irreversible inhibitor of human **Myeloperoxidase (MPO)** with an **IC₅₀** of 140 nM and has similar potency in mouse and rat.

IC50 & Target: IC50: 140 nM (human MPO)^[1]

In Vitro: AZD5904 is a potent and irreversible inhibitor of human Myeloperoxidase (MPO) with an IC₅₀ of 140 nM and has similar potency in mouse and rat. It is 10 to 19-fold selective compare to the closely related lactoperoxidase and thyroid peroxidase; >70-fold to a broad panel of other enzymes, ion channels, and receptors. In isolated human neutrophils, 1 μM AZD5904 inhibits PMA stimulated HOCl by >90%^[1].



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