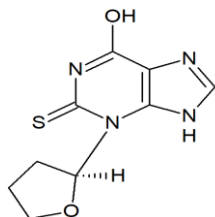


# AZD-5904

**ALTERNATE NAME:** AZ1  
(S)-3-((tetrahydrofuran-2-yl)methyl)-2-thioxo-1,2,3,7-tetrahydro-6H-purin-6-one  
TX4  
AZD5904

**CATALOG #:** B2598-5 5 mg  
B2598-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>10</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>S

**MOLECULAR WEIGHT:** 252.29

**CAS NUMBER:** 618913-30-7

**APPEARANCE:** Beige to light yellow solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >100 mg/ml DMSO

**DESCRIPTION:** AZD-5904 is a potent and irreversible inhibitor of human myeloperoxidase (MPO) (IC<sub>50</sub> = 140 nM). Displays similar potency in mouse and rat enzymes.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Myeloperoxidase (MPO) Colorimetric Activity Assay Kit (K744)  
Myeloperoxidase (MPO) Peroxidation Activity Assay Kit (K747)  
Myeloperoxidase Inhibitor (1977)  
Myeloperoxidase (MPO) Fluorometric Activity Assay Kit (K745)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*