

## Myeloperoxidase Inhibitor

Cat. No. CEI-0580

Lot. No. (See product label)

### Introduction

**Description** A potent, irreversible, and specific inhibitor of the peroxidation activity of myeloperoxidase (MPO;  $IC_{50} = 300$  nM). Does not affect catalase or glutathione peroxidase activities. Also displays no effect on the production of superoxide by neutrophils. Shown to inhibit  $H_2O_2$ -induced apoptosis in HL-60, human leukemia cells.

**Synonyms** 4-Aminobenzoic hydrazide; MPO Inhibitor; 4-ABH

### Product Information

**Appearance** Yellow to beige solid

**CAS No.** 5351-17-7

**Molecular Formula**  $C_7H_9N_3O$

**Molecular Weight** 223.35

**Purity** >97% by HPLC

**Targets** MPO

**Solubility** DMSO or EtOH

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack