

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; $IC_{50} = 300 \text{ nM}$). 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