

MCLA [2-Methyl-6-(4-methoxyphenyl)-3,7-dihydroimidazo[1,2-a]pyrazin-3-one, hydrochloride]

Cat. No. DYE-172 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

MCLA has been used to assess superoxide formation in a variety of conditions, including neutrophil and macrophage activation, cultured cells and vascular tissue. By using MCLA chemiluminescence, in vivo superoxide production has been reported from the surface of liver, intestine, heart and lung. MCLA-amplified chemiluminescence is also used to determine the extracellular superoxide production from spermatozoa.

CAS number

128322-44-1

Molecular Mass

291.73

Formula

C₁₄H₁₃N₃O₂ · HCl

Ex(nm)

430

Em(nm)

546

Solvent

DMSO

Storage

Store at -20°C in the dark. Dessicated.

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