

MIF-Antagonist, ISO-1

Cat. No. CEI-0569

Lot. No. (See product label)

Introduction

Description Cell-permeable. A macrophage migration inhibitory factor (MIF) antagonist. ISO-1 inhibits MIF pro-inflammatory activities by targeting MIF tautomerase activity. Also inhibits tumor necrosis factor (TNF) release from macrophages isolated from LPS- treated wild type mice but has no effect on cytokine release from MIF deficient macrophages

Product Information

Appearance White to off-white solid

CAS No. 478336-92-4

Molecular Formula $C_{12}H_{13}NO_4$

Chemical Name (S,R)-3-(4-Hydroxyphenyl)-4,5-dihydro-5-isoxazole acetic acid, methyl ester

Molecular Weight 507.68

Purity >98% by HPLC

Targets MIF

Solubility DMSO (40 mg/ml) or EtOH (40 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack