

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