

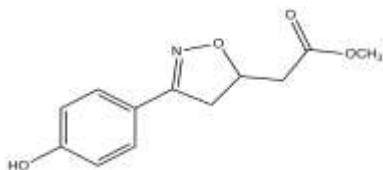
MIF Antagonist, ISO-1

ALTERNATE NAME: (S,R)-3-(4-Hydroxyphenyl)-4,5-dihydro-5-isoxazole acetic acid, methyl ester

CATALOG #: 1895-5

AMOUNT: 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₁₃NO₄

MOLECULAR WEIGHT: 235.24

CAS NUMBER: 478336-92-4

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

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.

REFERENCE: Al Abed, Y., *et al.* (2005). *J. Biol. Chem.* **280**, 36541-36544.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- MIF, human recombinant (**Cat. No. 4984-10, 1000**)
- MIF Antibody (**Cat. No. 5571-100**)
- MIF blocking Peptide (**Cat. No. 5571BP-50**)
- Pimecrolimus (**Cat. No. 1593-5, 25**)