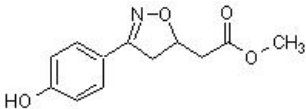


Product datasheet

ISO 1, MIF-Antagonist, MIF antagonist ab142140

2 References 1 Image

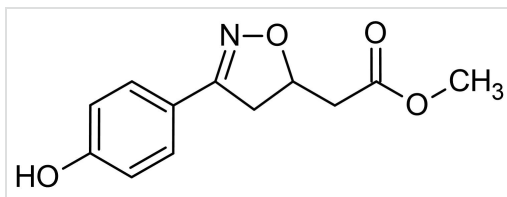
Overview

Product name	ISO 1, MIF-Antagonist, MIF antagonist
Description	Potent, cell-permeable MIF antagonist
Biological description	Potent, cell-permeable MIF (migration inhibitory factor) antagonist (IC ₅₀ = 25 µM). Targets catalytic pocket of MIF. Inhibits TNF release from macrophages. Anti-inflammatory. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 99%
CAS Number	478336-92-4
Chemical structure	

Properties

Chemical name	4,5-Dihydro-3-(4-hydroxyphenyl)-5-isoxazoleacetic acid methyl ester
Molecular weight	235.24
Molecular formula	C ₁₂ H ₁₃ NO ₄
PubChem identifier	6098948
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>O=C(OC)CC1CC(=NO1)c2ccc(O)cc2</chem>
Source	Synthetic

Images



2D chemical structure image of ab142140, ISO 1, MIF-Antagonist, MIF antagonist

Chemical Structure - ISO 1, MIF-Antagonist, MIF antagonist (ab142140)

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