Creative Enzymes®

GYY 4137

Cat. No. CEI-0717

Lot. No. (See product label)

Introduction

Description	A slow-releasing, water-soluble hydrogen sulfide (H_2) donor. Displays vasodilator and antihypertensive activity in rats in both acute (L-NAME-induced) or chronic (spontaneously hypertensive) hypertension models. Inhibits LPS-induced release of various proinflammatory mediators (such as IL-1β, IL-6, TNF-α, nitric oxide (NO) and PGE2) in RAW264.7 cells. Increases the synthesis of the anti-inflammatory chemokine IL-10 through NF-κB, ATF-2 and HSP27 dependent pathways in RAW264.7 cells.
Synonyms	p-Methoxyphenyl)morpholino-phosphinodithioic acid

Product Information

Appearance	White solid
CAS No.	106740-09-4
Molecular Formula	$C_{11}H_{15}NO_2PS_2 \cdot C_4H_{10}NO$
Chemical Name	p-Methoxyphenyl)morpholino-phosphinodithioic acid
Molecular Weight	367.3
Purity	>99%
Targets	Proinflammatory mediators
Solubility	DMSO (20 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	RT