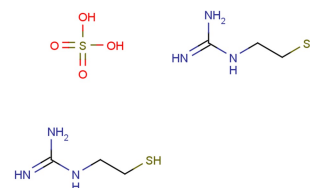


Catalog Number: CM10949

## 产品信息

Catalog Number:  
CM10949CAS号:  
3979-00-8分子式:  
 $C_6H_{20}N_6O_4S_3$ 主要靶点:  
NOS主要通路:  
免疫与炎症分子量:  
336.44溶解度:  
DMSO:45 mg/mL (133.75 mM)

## 体外活性

MEG (0.1-1000  $\mu$  M; 18 h) reduces nitrite accumulation in the supernatant of cultured J774.2 macrophages activated with LPS (10  $\mu$  g/mL) and INF (50  $\mu$  g/mL). MEG inhibits iNOS activity in homogenates of lungs taken from LPS-treated rats[1]. MEG (1  $\mu$  M-3 mM; 3 min) dose-dependently inhibits the peroxynitrite-induced oxidation of cytochrome c2+ and hydroxylation of benzoate. MEG (1-300  $\mu$  M) inhibits the suppression of mitochondrial respiration and DNA single strand breakage in response to peroxynitrite in J774 cells. MEG (300  $\mu$  M; 30 min) inhibits the suppression of vascular contractility in response to peroxynitrite in thoracic aortic rings[2].

## 体内活性

MEG (30-60 mg/kg; a single i.p.) decreases mean arterial blood pressure (MAP) of normal rats[1]. MEG (10 mg/kg; i.p. for 5 d) attenuates the degree of lipid peroxidation, protein oxidation, and peroxynitrites level and ameliorated the decrease of antioxidant enzymes activities in the esophagus of rats subjected to caustic burn injury[3]. MEG (10 mg/kg; a single i.p.) improves the renal dysfunction and tissue injury induced by ischemia/reperfusion (I/R) of rat kidney[4].

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.