

Catalog Number: CM01908

产品信息

Catalog Number:
CM01908

CAS号:
30344-00-4

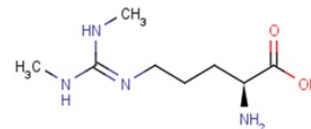
分子式:
 $C_8H_{18}N_4O_2$

主要靶点:
Endogenous Metabolite

主要通路:
代谢

分子量:
202.25

溶解度:
DMSO:50 mg/mL (247.22 mM)



体外活性

SDMA inhibited dose dependently the NO synthesis in intact endothelial cells, whereas it had no effect on protein expression of NOS. This effect was associated with an increase in reactive oxygen species. Co-incubation with L-arginine but not D-arginine reversed the effect of SDMA on NOS pathway. Suggest that SDMA reduced the endothelial NO synthesis, probably by limiting L-arginine supply to NOS. It is concluded that SDMA might be a useful parameter for detecting patients in very early stages of chronic kidney disease and for determining their risk for developing cardiovascular disease[1].

描述

SDMA is the most potent endogenous inhibitor of nitric oxide synthase (NOS), with higher levels in patients with end-stage renal disease (ESRD).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years