

# Cinepazide

Catalog No: tcsc2622



## Available Sizes

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

23887-46-9

**Formula:**

$C_{22}H_{31}N_3O_5$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

417.5

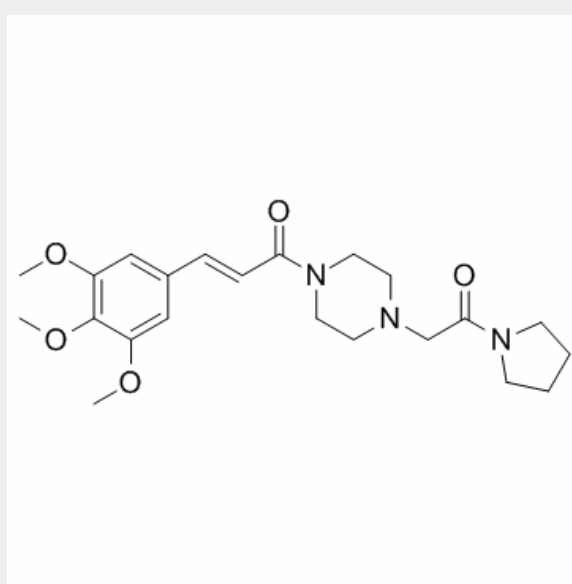
## Product Description

Cinepazide is a vasodilator.

Target: Others

Cinepazide is a vasodilator. Cinepazide (30 mg/kg, i.v.) potentiated the vertebral vasodilator response of dogs to intravertebral adenosine and cyclic AMP, Intravertebral cinepazide(1-10 mg) increased vertebral blood flow in a dose-related manner and the effect

was partially inhibited by intravenous pretreatment with aminophylline but not by pretreatment with autonomic antagonists. Cinepazide resembled cinnarizine and papaverine in that the drug antagonized rabbit aortic contraction induced by KCl, norepinephrine or CaCl<sub>2</sub> [1]. Cinepazide in concentrations ranging from 10<sup>-6</sup> to 10<sup>-5</sup>M augmented the relaxing responses to ATP, adenosine and cAMP. However, this agent did not affect the relaxations induced by isoproterenol and papaverine and the contractions induced by 5-HT, prostaglandin F<sub>2α</sub> and ATP. cinepazide selectively potentiates the relaxing response mediated through purinergic P<sub>1</sub> receptors [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!