

Cinepazide (Maleate)

Catalog No: tcsc2621



Available Sizes

Size: 50mg

Size: 100mg



Specifications

CAS No:

26328-04-1

Formula:

$C_{26}H_{35}N_3O_9$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

MD-67350

Observed Molecular Weight:

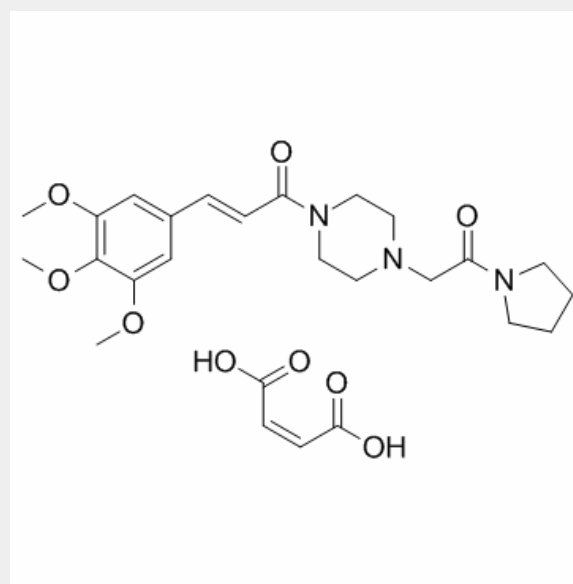
533.57

Product Description

Cinepazide Maleate is a vasodilator.

Target: Others

Cinepazide maleate is a maleate salt form of cinepazide which 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 CaCl₂ [1]. Cinepazide in concentrations ranging from 10⁻⁶ to 10⁻⁵M 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_{2α} and ATP. cinepazide selectively potentiates the relaxing response mediated through purinergic P₁ receptors [2].



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