

# ICI 153110

**Catalog No: tcsc0018390**



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

87164-90-7

**Formula:**

$C_{11}H_{11}N_3O$

**Pathway:**

Metabolic Enzyme/Protease

**Target:**

Phosphodiesterase (PDE)

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

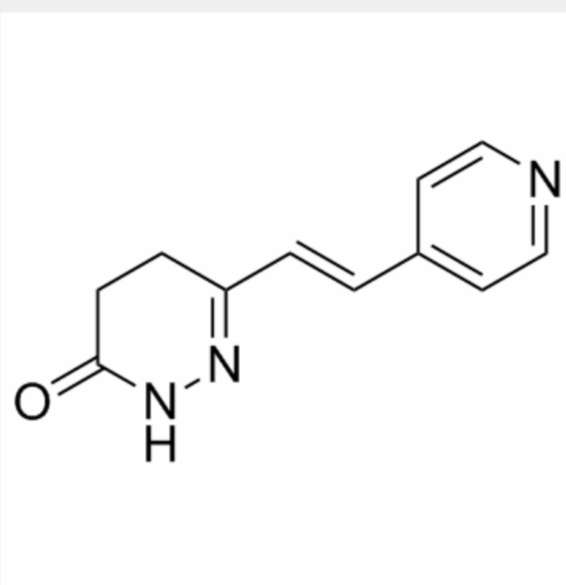
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## Product Description

ICI 153110 is an orally active **phosphodiesterase** inhibitor with both vasodilating and inotropic properties which is designed for the treatment of congestive cardiac failure.

IC50 & Target: Phosphodiesterase<sup>[1]</sup>

**In Vivo:** ICI 153110 is an orally active phosphodiesterase inhibitor with both vasodilating and inotropic properties which is designed for the treatment of congestive cardiac failure. Fourteen animals have died as a direct or indirect consequence of ICI 153110 administration in the high-dose main test and reversibility groups. In the female rat dosed at 10 mg/kg/day ICI 153110 a mild focal arteritis is characterized by a predominantly and diffusely adventitial infiltration of mixed cells and early formation of fibrous tissue. The two rats dosed at 250 mg/kg/day ICI 153110 die prematurely from intratracheal intubation of dosing solution. Arteries from two further animals (dosed at 5 and 250 mg/kg/day ICI 153110) show minimal focal arteritis with medial necrosis, and medial and adventitial inflammation<sup>[1]</sup>.



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