



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 ₃ O
Pathway: Metabolic Enzyme/Protease
Target: Phosphodiesterase (PDE)
Purity / Grade: >98%
Solubility: 10 mM in DMSO
Observed Molecular Weight: 201.22

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^[1]

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^[1].

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