

Olprinone

Catalog No: tcsc1190



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

106730-54-5

Formula:

$C_{14}H_{10}N_4O$

Pathway:

Metabolic Enzyme/Protease

Target:

Phosphodiesterase (PDE)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Loprinone

Observed Molecular Weight:

250.26

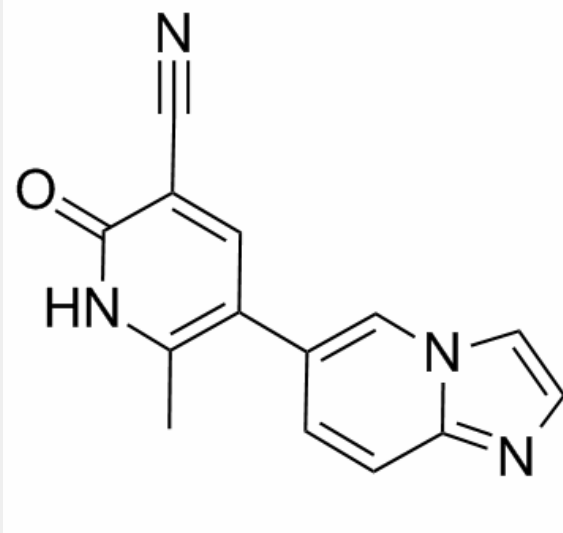
Product Description

Olprinone(Loprinone) is a selective phosphodiesterase 3 (PDE3) inhibitor.

IC50 value:

Target: PDE3

Olprinone is used as cardiogenic agent with positive inotropic and vasodilating effects. Olprinone has been reported to improve microcirculation and attenuate inflammation. Olprinone is often used to increase cardiac output after cardiopulmonary bypass (CPB). Olprinone was infused at a rate of 0.2 µg/kg/min when weaning from CPB was started. Olprinone has also shown potent antioxidative and anti-inflammatory effects in the meconium-induced oxidative lung injury.



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