

Ipenoxazone

Catalog No: tcsc0018155



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

104454-71-9

Formula:

$C_{22}H_{34}N_2O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

MLV-6976;NC-1200

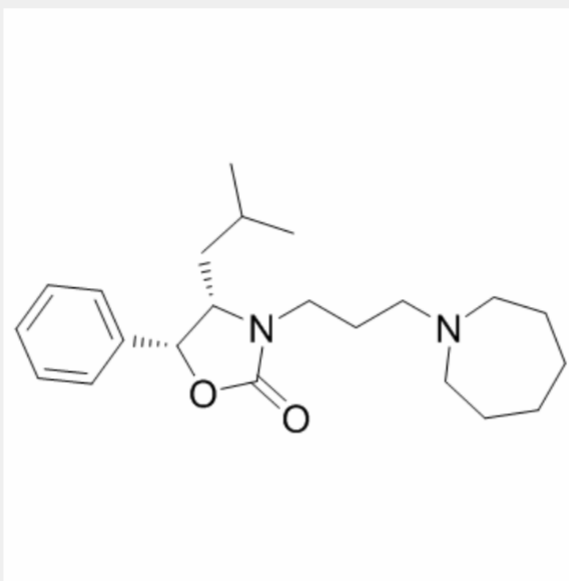
Observed Molecular Weight:

358.52

Product Description

Ipenoxazone is a potent and centrally acting muscle relaxant.

In Vivo: Ipenoxazone is a potent and centrally acting muscle relaxant^[1]. An intravenous injection of 2 mg/kg Ipenoxazone causes a reduction of electromyographic activity which reaches a maximum within 3 min after the injection. Within 1 min after the injection of Ipenoxazone at a dose of 4 mg/kg, the blood pressure changes from a control level of 138 ± 9 mmHg to a minimum level of 98 ± 9 mmHg (n=6) but it rapidly returns to the control level within 1 to 2 min, while the rigidity is still reduced significantly at that time. High doses (greater than 30 mg/kg i.p.) of Ipenoxazone produces a transient and dose-dependent sedation in almost all mice about 5 min after its administration^[2].



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