

# 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

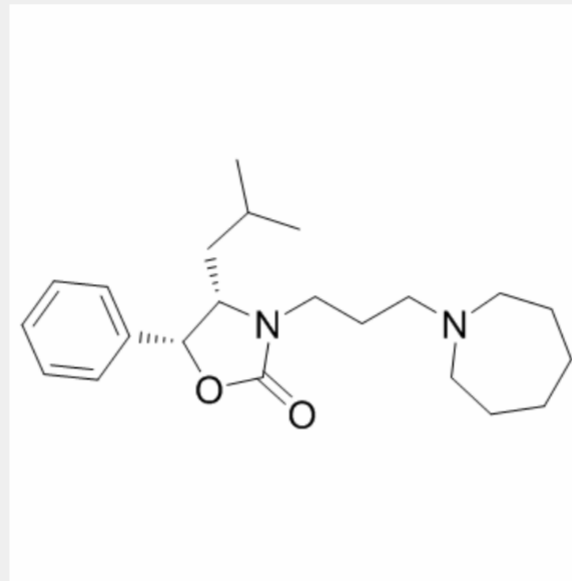
**Observed Molecular Weight:**

358.52

## Product Description

Ipenoxazone is a potent and centrally acting muscle relaxant.

**In Vivo:** Ipenoxazone is a potent and centrally acting muscle relaxant<sup>[1]</sup>. 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  $138 \pm 9$  mmHg to a minimum level of  $98 \pm 9$  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<sup>[2]</sup>.



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