

# Atracurium (besylate)

Catalog No: tcsc2306



## Available Sizes

**Size:** 50mg

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

64228-81-5

**Formula:**

$C_{65}H_{82}N_2O_{18}S_2$

**Pathway:**

Neuronal Signaling;Membrane Transporter/Ion Channel

**Target:**

nAChR;nAChR

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 50 mg/mL (40.21 mM; Need ultrasonic)

**Alternative Names:**

BW-33A

**Observed Molecular Weight:**

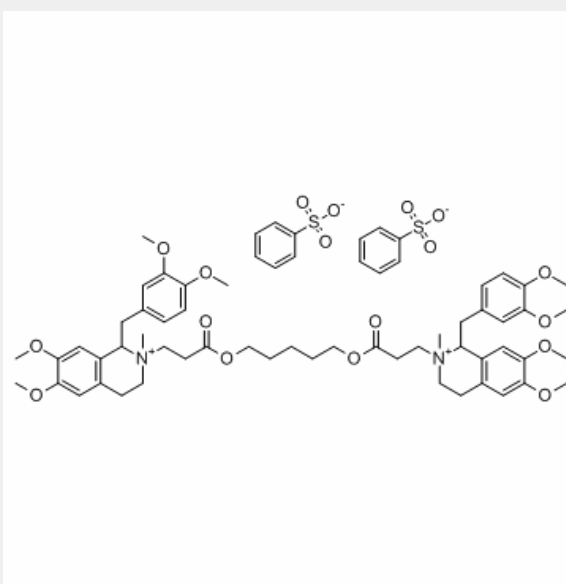
1243.48

## Product Description

Atracurium Besylate is a neuromuscular blocking agent with ED<sub>95</sub> of 0.2 mg/kg.

Target: nAChR

Atracurium besylate is a neuromuscular-blocking drug or skeletal muscle relaxant in the category of non-depolarizing neuromuscular-blocking drugs, used adjunctively in anesthesia to facilitate endotracheal intubation and to provide skeletal muscle relaxation during surgery or mechanical ventilation. Atracurium is classified as an intermediate-duration non-depolarizing neuromuscular-blocking agent [1]. A <sup>14</sup>C radiolabeled metabolism study in cats confirmed the lack of hepatic or renal involvement in the metabolism of atracurium: radioactivity eliminated in bile and urine was predominantly from metabolites rather than the unchanged parent drug [2].



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