

Cisatracurium (besylate)

Catalog No: tcsc2471



Available Sizes

Size: 25mg

Size: 50mg

Size: 100mg

Size: 500mg



Specifications

CAS No:

96946-42-8

Formula:

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

Pathway:

Neuronal Signaling;Membrane Transporter/Ion Channel;Autophagy

Target:

nAChR;nAChR;Autophagy

Purity / Grade:

>98%

Solubility:

H2O : $\geq$ 50 mg/mL (40.21 mM)

Alternative Names:

51W89

Observed Molecular Weight:

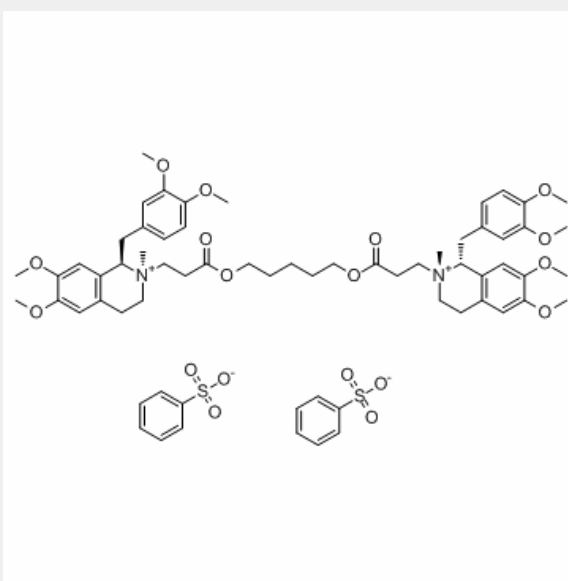
1243.48

Product Description

Cisatracurium Besylate (51W89) is a nondepolarizing neuromuscular blocking agent, antagonizing the action of acetylcholine by inhibiting neuromuscular transmission.

IC50 & Target: AChR α -2^{[1][2]}.

In Vitro: Cisatracurium Besylate (51W89) 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. It is a bisbenzyltetrahydroisoquinolinium agent with an intermediate duration of action. Cisatracurium Besylate (51W89) is one of the ten isomers of the parent molecule, atracurium. Moreover, cisatracurium represents approximately 15% of the atracurium mixture [1, 2].



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