Mivacurium is a non-depolarizing, reversible neuromuscular junction blocker. Mivacurium acts as an anesthetic, inhibiting pre-synaptic nicotinic acetylcholine receptors (nAChRs) in neurons and muscle. Mivacurium exhibits a rapid onset and short duration of action. This compound also displays anti-fibrillatory/anti-arrhythmic activity, as its inhibition of signaling in the parasympathetic nervous system prevents atrial fibrillation in animal models.

References

