



Product Information

Product ID A7668

CAS No. 64228-81-5

Chemical Name 5-[3-[1-[(3,4-dimethoxyphenyl)methyl]-6,7-dimethoxy-2-methyl-3,4-dihydro-1H-isoquinolin-2-yl]propanoyl- oxy]pentyl-3-[1-[(3,4-dimethoxyphenyl)methyl]-6,7- dimethoxy-2-methyl-3,4-dihydro-1H-

Synonym BW-33A, Tracrium

Formula C₅₃H₇₂N₂O₁₂ • (C₆H₅O₃S)₂

Formula Wt. 1243.49

Melting Point 185-194 °C

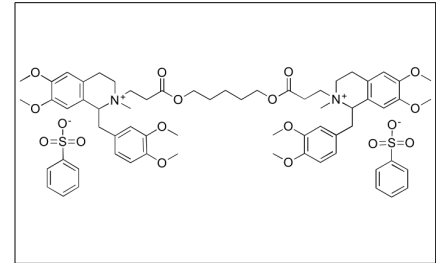
Purity ≥95%

Solubility Soluble in water (27 mg/mL). Soluble in DMSO (>100 mg/mL).

Store Temp 4 °C

Ship Temp Ambient

Description Atracurium is a reversible inhibitor of acetylcholine receptors (AChRs) that acts as a non-depolarizing neuromuscular junction blocker (NMJ); it causes muscular paralysis and is clinically used as an anesthetic.



Bulk quantities available upon request

Product ID	Size
A7668	50 mg
A7668	100 mg
A7668	500 mg

References Shashank D, Singh NR, Singh LK. Effects of pretreatment with different neuromuscular blocking agents on facilitation of intubation with rocuronium: A prospective randomized comparative study. *Indian J Anaesth.* 2014 May;58(3):303-8. PMID: 25024474.

Jonsson M, Gurley D, Dabrowski M, et al. Distinct pharmacologic properties of neuromuscular blocking agents on human neuronal nicotinic acetylcholine receptors: a possible explanation for the train-of-four fade. *Anesthesiology.* 2006 Sep;105(3):521-33. PMID: 16931985.

Bowman WC. Neuromuscular block. *Br J Pharmacol.* 2006 Jan;147 Suppl 1:S277-86. PMID: 16402115.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.