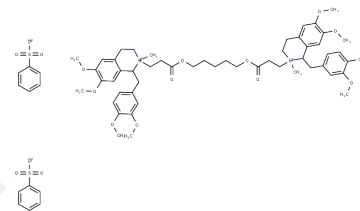


Atracurium besylate

Chemical Properties

CAS No. :	64228-81-5
Formula:	C ₆₅ H ₈₂ N ₂ O ₁₈ S ₂
Molecular Weight:	1243.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Atracurium besylate (51W89) is a non-depolarizing neuromuscular blocking agent with short duration of action. Its lack of significant cardiovascular effects and its lack of dependence on good kidney function for elimination provide clinical advantage over alternate non-depolarizing neuromuscular blocking agents.
Targets(IC ₅₀)	AChR

Solubility Information

Solubility	DMSO: 60 mg/mL (48.25 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8042 mL	4.0209 mL	8.0419 mL
5 mM	0.1608 mL	0.8042 mL	1.6084 mL
10 mM	0.0804 mL	0.4021 mL	0.8042 mL
50 mM	0.0161 mL	0.0804 mL	0.1608 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Petrişor C, et al. J Invest Allergol Clin Immunol. 2015;25(5):372-3.

Spina R, Voss DM, Asnaghi L, Sloan A, Bar EE. Oncotarget. 2016 Jan 5;7(1):459-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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