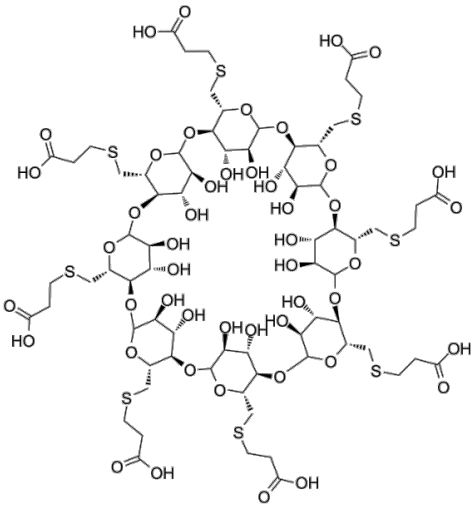
Product Data Sheet

Product Name: Sugammadex
Cat. No.: GC67613

Chemical Properties

Cas. No.	343306-71-8		
Formula	$C_{72}H_{112}O_{48}S_8$	M.Wt	2002.15
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Sugammadex is a synthetic γ-cyclodextrin derivative, and acts as a reversal agent for **neuromuscular block**. Sugammadex shows nephroprotective effect in ischemia-reperfusion injury[1][2].

Sugammadex (100 mg/kg, IV, once) has a nephroprotective effect when given at the beginning of reperfusion after one hour of ischemic condition on rats[2].

[1]. de Boer HD, et al. Sugammadex, a new reversal agent for neuromuscular block induced by

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rocuronium in the anaesthetized Rhesus monkey. Br J Anaesth. 2006 Apr;96(4):473-9. Epub 2006 Feb 7.
[2]. Tercan M, Y?lmaz ?nal F, Seneldir H, Kocoglu H. Nephroprotective Efficacy of Sugammadex in Ischemia-Reperfusion Injury: An Experimental Study in a Rat Model. Cureus. 2021 Jun 17;13(6):e15726.