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Evaluating the effects of sugammadex on coagulation in humans: reversed translational research to unravel off-target pharmacology

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Citation


Kruithof, A. C. (2021, December 15). *Evaluating the effects of sugammadex on coagulation in humans: reversed translational research to unravel off-target pharmacology*. Retrieved from <https://hdl.handle.net/1887/3247173>

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The background of the cover is a repeating pattern of the chemical structure of Sugammadex. Each molecule consists of a central gamma-cyclodextrin ring, which is a cyclic oligomer of D-glucopyranose units. Attached to the 2 and 6 positions of the glucose units are propylsulfonate chains (-S-CH2-CH2-CH2-SO3Na+). The sodium counterions (Na+) are shown as separate spheres with their respective charges. The molecules are arranged in a staggered, overlapping grid pattern across the entire page.

**EVALUATING
THE EFFECTS OF
SUGAMMADEX
ON COAGULATION
IN HUMANS**

**REVERSED
TRANSLATIONAL RESEARCH
TO UNRAVEL OFF-TARGET
PHARMACOLOGY**

Annelieke C. Kruijthof