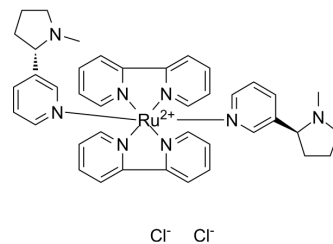


RuBiNic

Cat. No.:	HY-107689
CAS No.:	1256362-30-7
Molecular Formula:	C ₄₀ H ₄₄ Cl ₂ N ₈ Ru
Molecular Weight:	808.81
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

RuBiNic is a cage compound based on the photochemistry of Ru-bpy complexes and releases nicotine by irradiation with visible light up to 532 nm. RuBiNic is able to induce action potentials in Retzius neurons with 473 nm laser^[1].

REFERENCES

[1]. Filevich O, et al. A caged nicotine with nanosecond range kinetics and visible light sensitivity. J Inorg Biochem. 2010 Dec;104(12):1248-51.

Caution: Product has not been fully validated for medical applications. For research use only.

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