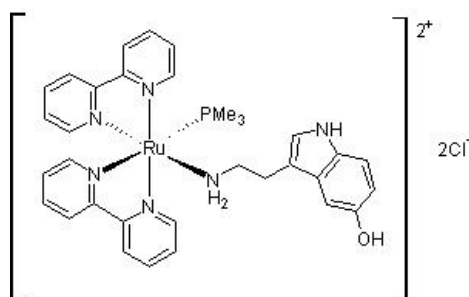


Product datasheet

RuBi-5-HT, caged-serotonin compound ab146049

Overview

Product name	RuBi-5-HT, caged-serotonin compound
Description	Highly water-soluble caged-serotonin compound, uncaged by visible wavelengths
General notes	Sold under license from Columbia University; Patent Pending
Chemical structure	



Properties

Excitation	450nm
Chemical name	(Bis(2,2'-bipyridine- <i>N,N'</i>)trimethylphosphine)-5-hydroxytryptamine ruthenium(2 ⁺) dichloride complex
Molecular weight	736.64
Molecular formula	C ₃₃ H ₃₇ Cl ₂ N ₆ OPRu
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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