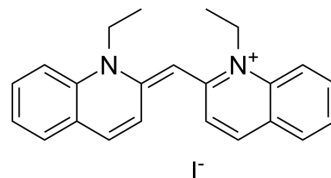


Pseudoisocyanine iodide

Cat. No.:	HY-107740
CAS No.:	977-96-8
Molecular Formula:	C ₂₃ H ₂₃ IN ₂
Molecular Weight:	454.35
Target:	Dopamine Transporter; Monoamine Transporter; Serotonin Transporter
Pathway:	Neuronal Signaling; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pseudoisocyanine (iodide) is a pan inhibitor of monoamine transporters and organic cation transporters with antidepressant-like activity^[1].

REFERENCES

[1]. Fraser-Spears R, et al. Comparative analysis of novel decynium-22 analogs to inhibit transport by the low-affinity, high-capacity monoamine transporters, organic cation transporters 2 and 3, and plasma membrane monoamine transporter. *Eur J Pharmacol.* 2019 Jan 5;842:351-364.

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

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