

Product Data Sheet

LtIA-F

Cat. No.: HY-D1398

Molecular Formula: $\mathsf{C}_{86}\mathsf{H}_{121}\mathsf{N}_{25}\mathsf{O}_{22}\mathsf{S}_{4}$

Molecular Weight: 1985.31 Target: nAChR

Pathway: Membrane Transporter/Ion Channel; Neuronal Signaling

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

BIOLOGICAL ACTIVITY

Description

LtIA-F, a novel fluorescent analogue of LtIA, provides a wealth of pharmacological tools to explore the structure-function relationship, distribution, and ligand binding domain of the α3β2 nAChR subtype.

REFERENCES

[1]. Yang Y, et al. Design, Synthesis, and Activity of an α-Conotoxin LtIA Fluorescent Analogue. ACS Chem Neurosci. 2021 Oct 6;12(19):3662-3671.

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

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