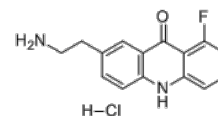


Product Name : FFN246
Cat. No. : PC-38583
CAS No. : 2210244-83-8 (free base)
Molecular Formula : C₁₅H₁₄ClFN₂O
Molecular Weight : 292.738
Target : Fluorescent Dye
Solubility : 10 mM in DMSO



Biological Activity

FFN246 is a fluorescent, dual substrate of both SERT and VMAT2 with excitation and emission spectra 392/427 nm, demonstrates the applicability for labeling serotonergic neurons in mouse brain tissue through SERT-dependent accumulation.

FFN246 could be used for direct examination of SERT activity and SERT inhibitors in 96-well cell culture assays, as well as specific labeling of serotonergic neurons of the dorsal raphe nucleus in the living tissue of acute mouse brain slices. FFN246 effectively traces serotonin uptake and packaging in the soma of serotonergic neurons.

References

Adam Henke, et al. ACS Chem Neurosci. 2018 May 16;9(5):925-934.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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