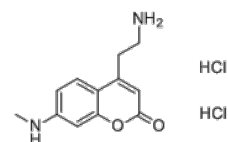


Product Name : FFN-206 dihydrochloride
Cat. No. : PC-62373
CAS No. : 1883548-88-6
Molecular Formula : C₁₂H₁₆Cl₂N₂O₂
Molecular Weight : 291.172
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

FFN-206 dihydrochloride is an excellent **VMAT2** (vesicular monoamine transporter 2) substrate capable of detecting VMAT2 activity in intact cells using fluorescence microscopy, with subcellular localization to VMAT2-expressing acidic compartments without apparent labeling of other organelles.

The apparent Km of FFN206 at VMAT2 was found to be 1.16±0.10 μM, similar to that of dopamine.

FFN-206 is an useful tool for optical examination of VMAT2 function in cell culture.

References

Hu G, et al. *ACS Chem Biol.* 2013 Sep 20;8(9):1947-54.

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

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