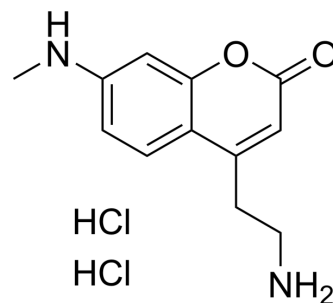


FFN 206 dihydrochloride

Cat. No.:	HY-110334
CAS No.:	1883548-88-6
Molecular Formula:	C ₁₂ H ₁₆ Cl ₂ N ₂ O ₂
Molecular Weight:	291.17
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FFN 206 dihydrochloride, a fluorescent probe, is used as an excellent Vesicular Monoamine Transporter 2 (VMAT2) substrate with an apparent K_m of 1.16 μ M. FFN 206 dihydrochloride is 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^[1].

REFERENCES

[1]. Gang Hu, et al. New fluorescent substrate enables quantitative and high-throughput examination of vesicular monoamine transporter 2 (VMAT2). ACS Chem Biol. 2013 Sep 20;8(9):1947-54.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA