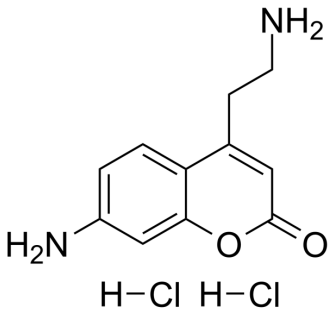
FFN200 dihydrochloride

Cat. No.:	HY-131006
CAS No.:	2080306-27-8
Molecular Formula:	$C_{11}H_{14}Cl_2N_2O_2$
Molecular Weight:	277.15
Target:	Monoamine Transporter
Pathway:	Membrane Transporter/Ion Channel
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	FFN200 dihydrochloride, a fluorescent substrate of VMAT2, selectively trace monoamine exocytosis in both neuronal cell culture and brain tissue. The fluorescence excitation and emission maxima of FFN200 are determined to be 352 and 451 nm, respectively[1].
In Vitro	FFN200 dihydrochloride does not rely on DAT or other Na+-dependent transporters for loading into dopaminergic neurons[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Daniela B Pereira, et al. Fluorescent false neurotransmitter reveals functionally silent dopamine vesicle clusters in the striatum. Nat Neurosci. 2016 Apr;19(4):578-86.

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