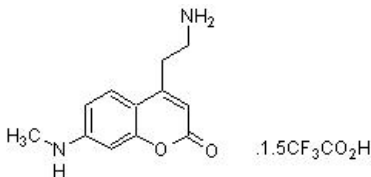


FFN206, fluorescent VMAT2 substrate ab144554

[3 References](#) [1 Image](#)

Overview

Product name	FFN206, fluorescent VMAT2 substrate
Description	Novel and highly fluorescent VMAT2 substrate
Biological description	Novel and highly fluorescent VMAT2 substrate. Enables quantitative and high throughput examination of VMAT2. Detects VMAT2 activity in intact cells ($K_m = 1.16 \mu M$). Allows optical examination of VMAT2 function in cell culture.
Purity	> 95%
CAS Number	1447064-50-7
Chemical structure	

Properties

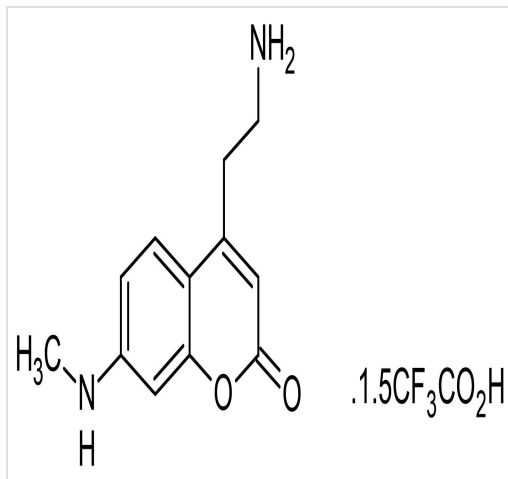
Chemical name	4-(2-Aminoethyl)-7-(methylamino)-2 <i>H</i> -chromen-2-one trifluoroacetate
Molecular weight	389.29
Molecular formula	$C_{12}H_{14}N_2O_2 \cdot 1.5CF_3CO_2H$
PubChem identifier	137699583
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>FC(F)(F)C(=O)O.FC(F)</chem>

(F)C(=O)O.CNc1ccc2c(c1)OC(=O)C=C2CCN.CNc1ccc2c(c1)OC(=O)C=C2CCN.CNc1ccc2c(c1)OC(=O)C=C2CCN

Source

Synthetic

Images



2D chemical structure image of ab144554, FFN206, fluorescent VMAT2 substrate

Chemical Structure - FFN206, fluorescent VMAT2 substrate (ab144554)

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