

For Research Use Only

7-FluorotryptaMine HCl

Catalog Number: CM11144

产品信息

Catalog Number:
CM11144

CAS号:
159730-09-3

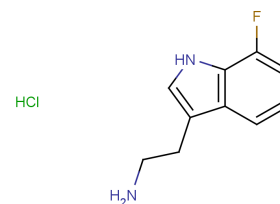
分子式:
 $C_{10}H_{12}ClFN_2$

主要靶点:
GPR

主要通路:
内分泌与激素|G蛋白偶联受体

分子量:
214.67

溶解度:
DMSO:21.47 mg/mL (100 mM)



体外活性

In the PRESTO-Tango assay, 7-FluorotryptaMine HCl (100 μ M) hydrochloride induces GPRC5A recruitment of β -arrestin.[1] Co-treatment with 7-FluorotryptaMine HCl (50 μ M, 8 h) and TNF α downregulates TNF α -induced genes (e.g., IL41A, CXCL10, CSF2) in WT and GPRC5A-KO cells [1]. 7-FluorotryptaMine HCl (0-100 μ M, 16 h) is not toxic to mammalian cells (HTLA, HT-29 cells).[1]

描述

7-FluorotryptaMine HCl is a potent aromatic monoamine GPRC5A agonist that induces GPRC5A-mediated β -arrestin recruitment. 7-FluorotryptaMine HCl can be used to study signalling pathways related to immunity and cancer.

储存

For technical support and original validation data for this product please contact

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