

Catalog	Unit
TBI4404-5MG	5 mg
TBI4404-25MG	25 mg

Product Details

Formal Name: N-(2-Amino-4-fluorophenyl)-4-[[[(E)-3-pyridin-3-ylprop-2-enoyl]amino]methyl]benzamide

Alternate Names: Chidamide

Molecular Formula: C₂₂H₁₉FN₄O₂

Formula Weight: 390.4

CAS Number: 1616493-44-7

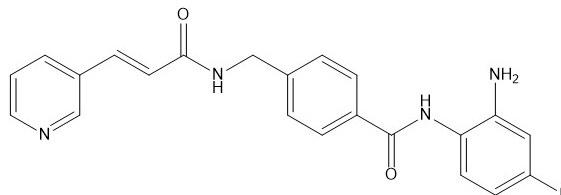
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to at least 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Class I HDAC inhibitor

Functions

Potent inhibitor of Class I HDACs (IC₅₀'s: HDAC1 = 95 nM, HDAC2 = 160 nM, HDAC3 = 67 nM, HDAC 8 = 733 nM; also inhibits HDAC10, 78 nM). It increased the efficacy and persistence of CAR-T cells. Tucidinostat displayed efficacy against multiple types of cancer.

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.