

For Research Use Only
RGFP966 (E-isomer)

Catalog Number: CM04430

产品信息

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CM04430

CAS号:
1396841-57-8

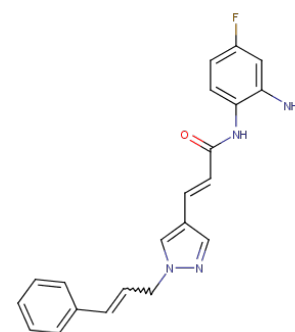
分子式:
C₂₁H₁₉FN₄O

主要靶点:
HDAC

主要通路:
DNA损伤和修复|表观遗传

分子量:
362.4

溶解度:
DMSO:67 mg/mL (184.9 mM),H₂O:
<1 mg/mL,Ethanol:<1 mg/mL



靶点活性

HDAC3:0.08 μM

体外活性

In mammals, halofuginone at 10 ng/ml down-regulates Smad3, blocking TGF-β signaling and preventing both the differentiation of fibroblasts to myofibroblasts and the transitioning of epithelial cells to mesenchymal cells[2].

描述

RGFP966 is an HDAC3 inhibitor with IC₅₀ of 0.08 μM, exhibits > 200-fold selectivity over other HDAC.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years