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Datasheet for ABIN7233281

## RGFP966

### 1 Image

#### Overview

Quantity: 5 mg

Application: Inhibition (Inh)

#### Product Details

Purpose: Selective HDAC3 inhibitor

Characteristics: RGFP966 is a selective inhibitor of HDAC3 (IC<sub>50</sub> = 80 nM, no other HDACs inhibited at 15µM). It facilitates the extinction of cocaine-seeking behavior in mice and transforms subthreshold learning events into robust long-term memory, suggesting a potential therapeutic target for memory enhancement and neurodegenerative diseases.

Purity: >98 %

Chemical Name: (2E)-N-(2-Amino-4-fluorophenyl)-3-[(2E)-1-(3-phenyl-2-propen-1-yl)-1H-pyrazol-4-yl]-2-propenamide

Formula: C<sub>21</sub>H<sub>19</sub>FN<sub>4</sub>O

Solubility: Soluble in DMSO (up to 20 mg/ml)

#### Target Details

Background: Epigenetics, Protein deacetylase, Neuroscience, Neurodegeneration, Addiction, Posttranslational modification, Chromatin

Molecular Weight: 362.40

CAS-No: 1357389-11-7

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Powder

Storage: -20 °C

## Images

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### Molecule

Image 1. /

