

Product Data Sheet

Product Name: iP300w
Cat. No.: GC50721

Chemical Properties

Cas. No. 1889284-33-6

SMILES O=C(NC)CN(N=C1)C=C1C(C=C2)=CC3=C2C(N4)(CC3F)C(N(CC(N(CC5=CC=C(F)C=C5)C(C)C(F)(F)F)=O)C4=O)=O

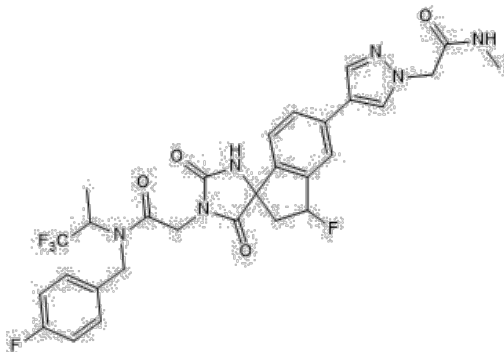
Formula C₂₉H₂₇F₅N₆O₄ M.Wt 618.55

Solubility DMSO|61.85|100| Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Potent p300/CBP inhibitor. Inhibits p300-mediated H3K9 acetylation (IC₅₀ = 33 nM). Inhibits cytotoxicity of DUX4 and overexpression of DUX4 target genes in vitro. Also impairs DUX4-mediated transcription in an animal model of facioscapulohumeral muscular dystrophy (FSHD).

Caution: Product has not been fully validated for medical applications. For research use only.

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