

Product Name : Rocilinostat

Synonyms : ACY-1215

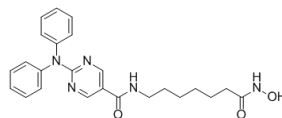
Cat No. : M11280

CAS Number : 1316214-52-4

Molecular Formula : C₂₄H₂₇N₅O₃

Formula Weight : 433.50

Chemical Name : 2-(diphenylamino)-N-(7-(hydroxyamino)-7-oxoheptyl)pyrimidine-5-carboxamide



Description : Rocilinostat (ACY-1215) is a selective HDAC6 inhibitor with IC₅₀ of 5 nM in a cell-free assay. It is >10-fold more selective for HDAC6 than HDAC1/2/3 (class I HDACs) with slight activity against HDAC8, minimal activity against HDAC4/5/7/9/11, Sirtuin1, and Sirtuin2. Phase 2.

Pathway : Cell Cycle/DNA Damage

Target : HDAC

Receptor : HDAC1; HDAC2; HDAC3; HDAC6; HDAC8

Solubility : DMSO: 86 mg/mL (198.38 mM)

SMILES : O=C(C1=CN=C(N(C2=CC=CC=C2)C3=CC=CC=C3)N=C1)NCCCCCCC(=O)NO

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Santo L, et al. Blood, 2012, 119(11), 2579-2589.