

---

## HBX41108

产品编号: D50906

CAS: 924296-39-9

分子式: C<sub>13</sub>H<sub>3</sub>ClN<sub>4</sub>O

纯度: ≥98%

InChi: InChI=1S/C<sub>13</sub>H<sub>3</sub>ClN<sub>4</sub>O/c14-6-1-2-7-8(3-6)13(19)12-11(7)17-9(4-15)10(5-16)18-12/h1-3H

InChi Key: BIGPXXAUSQLTQR-UHFFFAOYSA-N

Smiles: N#CC1N=C2C(=NC=1C#N)C(=O)C1C=C(Cl)C=CC=12

外观: 固体粉末

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: HBX41108 is a potent and selective ubiquitin-specific protease 7 (USP7) inhibitor with IC<sub>50</sub> ~424 nM. Kinetics data indicate it is an uncompetitive reversible inhibition mechanism. It inhibits USP7-mediated p53 deubiquitination (IC<sub>50</sub> ~0.8 μM). It can also stabilize p53 and activate the transcription of a p53 target gene without inducing genotoxic stress. HBX41108 inhibits cancer cell growth, and induces p53-dependent apoptosis in p53 wild type and null isogenic cancer cell lines.