

Product Name : FX1

Synonyms : FX-1;FX 1;BCL6 inhibitor FX1

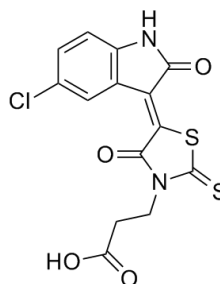
Cat No. : M11798

CAS Number : 1426138-42-2

Molecular Formula : C₁₄H₉ClN₂O₄S₂

Formula Weight : 368.81

Chemical Name : (Z)-3-(5-(5-chloro-2-oxoindolin-3-ylidene)-4-oxo-2-thioxothiazolidin-3-yl)propanoic acid



Description : A potent, specific BCL6 BTB domain inhibitor with K_d of 7 uM, binds with a greater affinity than the natural BCL6 ligand SMRT (K_d=30 uM); exhibits 10-fold greater inhibitory activity against the BCL6 BTB domain in reporter assays with IC₅₀ of 35 uM, displays good selectivity against a panel of 50 different kinases; disrupts formation of the BCL6 repression complex, reactivates BCL6 target genes, suppresses ABC-DLBCL cells in vitro and in vivo, as well as primary human ABC-DLBCL specimens ex vivo.

Pathway : Angiogenesis

Target : Bcl-2

Receptor : BCL-6

Solubility : DMSO: 30 mg/mL, Need Ultrasonic (< 1 mg/ml refers to the product slightly soluble or insoluble)

SMILES : O=C(O)CCN(C(=O)C(SC1=C2C(NC3=C/2C=C(Cl)C=C3)=O)=S

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Cardenas MG, et al. J Clin Invest. 2016 Sep 1;126(9):3351-62. | 2. Deb D, et al. Cancer Res. 2017 Jun 1;77(11):3070-3081.