

Product Name : Mcl-1-Puma inhibitor 8
Synonyms : Mcl-1-PUMA modulator-8

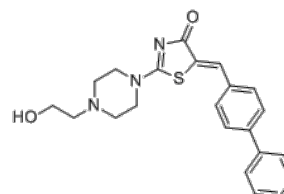
Cat No. : M15591

CAS Number : 678158-55-9

Molecular Formula : C₂₂H₂₃N₃O₂S

Formula Weight : 393.51

Chemical Name : 5-([1,1'-biphenyl]-4-ylmethylene)-2-(4-(2-hydroxyethyl)piperazin-1-yl)thiazol-4(5H)-one



Description : Mcl-1-Puma inhibitor 8 is a small-molecule dual-acting compound that targets the apoptotic Mcl-1-PUMA interface with K_i of 0.3 μ M (Mcl-1, FPA), reduces multiple cancer cells and inhibits PUMA-mediated apoptosis; a useful chemical probe to achieve safer cancer therapies by modulating Mcl-1-PUMA interaction.

Pathway : Angiogenesis

Target : Bcl-2

Receptor : Bcl-2

Solubility : —

SMILES : O=C1N=C(N2CCN(CCO)CC2)S/C1=C/C3=CC=C(C4=CC=CC=C4)C=C3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Liu J, et al. Oncotarget. 2017 Apr 20;8(33):54236-54242.