

Product Name : MI-2 (Menin-MLL Inhibitor)

Synonyms : Menin-MLL Inhibitor

Cat No. : M11137

CAS Number : 1271738-62-5

Molecular Formula : C₁₈H₂₅N₅S₂

Formula Weight : 375.55

Chemical Name : 4-[4-(5,5-dimethyl-4H-1,3-thiazol-2-yl)piperazin-1-yl]-6-propylthieno[2,3-d]pyrimidine

Description : MI-2 (Menin-MLL Inhibitor) is a potent menin-MLL interaction inhibitor with IC₅₀ of 446 nM.

Pathway : Chromatin/Epigenetic

Target : HMTase

Receptor : Menin-MLL

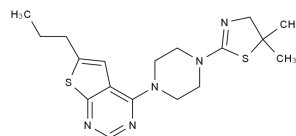
Solubility : Ethanol: 75 mg/mL (199.7 mM); DMSO: 75 mg/mL warmed (199.7 mM)

SMILES : CCCC1=CC2=C(N3CCN(C4=NCC(C)(C)S4)CC3)N=CN=C2S1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Grembecka J, et al. nat Chem Biol. 2012, 8(3), 277-284.