
Product Data Sheet

Product Name: Mcl1-IN-11

Cat. No.: GC36557

Chemical Properties

Cas. No. 2042211-13-0

SMILES CC1(C)C2=CC(C)=C(C(C3=CC=C(C(NS(=O)C4=CC=C(NCCSC5=CC=CC=C5)C([N+])([O-])=O)=C4)=O)=O)C=C3)=C)C=C2C(C)(C)CC1

Formula C₃₈H₄₁N₃O₅S₂ M.Wt 683.88

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Mcl1-IN-11 (Compound G) is a selective Mcl-1 inhibitor, less potent at Bcl-2, with Kis of 0.06 and 4.2 μM, respectively[1]. Ki: 0.06 (Mcl-1), 4.2 μM (Bcl-2)[1]

[1]. Wang M, et al. Design, synthesis, and activity evaluation of selective inhibitors of anti-apoptotic Bcl-2 proteins: The effects on the selectivity of the P1 pockets in the active sites. Bioorg Med Chem Lett. 2016 Nov 1;26(21):5207-5211.

Caution: Product has not been fully validated for medical applications. For research use only.

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