
Product Data Sheet

Product Name: Mcl1-IN-12

Cat. No.: GC36558

Chemical Properties

Cas. No. 2042211-12-9

SMILES O=C(NS(=O)(C1=CC=C(NCCSC2=CC=CC=C2)C([N+])([O-])=O)=C1)=O)C3=CC=C(NC(C(C=C4)=CC=C4C(C5=C(C)C=C(C(C)C)CCC6(C)C)C6=C5)=C)=O)C=C3

Formula C₄₅H₄₆N₄O₆S₂ M.Wt 803

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-12 (Compound F) is a selective Mcl-1 inhibitor, less potent at Bcl-2, with Kis of 0.29 and 3.1 μM, respectively. Anti-tumor activity[1]. Ki: 0.29 (Mcl-1), 3.1 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
