
Product Data Sheet

Product Name: BI-0252
Cat. No.: GC35511

Chemical Properties

Cas. No. 1818291-27-8

SMILES C1C=C(F)C([C@@H]2[C@@]3(C(C=CC(Cl)=C4)=C4NC3=O)N(CC5CC5)[C@@H]6[C@H]2N[C@@H](C7=CC=C(C(O)=O)C=C7)C6)=CC=C1

Formula C₃₀H₂₆Cl₂FN₃O₃ M.Wt 566.45

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

BI-0252 is an orally active, selective MDM2-p53 inhibitor with an IC₅₀ of 4 nM. BI-0252 can induce tumor regressions in all animals of a mouse SJSA-1 xenograft, with concomitant induction of the tumor protein p53 (TP53) target genes and markers of apoptosis[1]. IC₅₀: 4 nM (MDM2-p53)[1]

[1]. Gollner A, et al. Discovery of Novel Spiro[3H-indole-3,2'-pyrrolidin]-2(1H)-one Compounds as Chemically Stable and Orally Active Inhibitors of the MDM2-p53 Interaction. J Med Chem. 2016 Nov 23;59(22):10147-10162.

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
