
Product Data Sheet

Product Name: TP-021
Cat. No.: GC66021

Chemical Properties

Cas. No. 2130878-25-8

Formula $C_{20}H_{20}ClN_3O_5$ M.Wt 417.84

Solubility DMSO : ≥ 50 mg/mL (119.66 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

IC₅₀: 0.10 μ M (BCL6-corepressor interaction)^[1]

TP-021 (BCL6-IN-8c) is a potent and orally active **B-cell lymphoma 6 (BCL6)-corepressor interaction** inhibitor with an **IC₅₀** of 0.10 μ M in cell-free enzyme-linked immunosorbent assay^[1].

TP-021 (BCL6-IN-8c, Compound 8c) also exhibits good cellular PPI inhibitory activity in the submicromolar range (M2H IC₅₀ = 0.72 μ M). TP-021 (BCL6-IN-8c) does not exhibit significant cytotoxicity even at 30 μ M^[1].

The pharmacokinetic profile of TP-021 (BCL6-IN-8c, Compound 8c) is evaluated by a mouse cassette-dosing study (0.1 mg/kg iv; 1 mg/kg po). TP-021 (BCL6-IN-8c) exhibits a good pharmacokinetic profile (C_{max} = 233 ng/mL, T_{max} = 2 hours, MRT = 3.3 h, AUC = 1.27 mg•h/mL, F (oral bioavailability) = 79.9%)^[1].

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