
Product Data Sheet

Product Name: Elevenostat

Cat. No.: GC64191

Chemical Properties

Cas. No. 1454902-97-6

Formula C₁₆H₁₇N₃O₄

M.Wt 315.32

Solubility DMSO : 250 mg/mL (792.85 mM; Need ultrasonic) 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**

Elevenostat (JB3-22) is a selective HDAC11 inhibitor (IC₅₀=0.235 μM). Anti-multiple myeloma (MM) activity[1].

[1]. Huang J, et al. Histone/protein deacetylase 11 targeting promotes Foxp3+ Treg function. *Sci Rep.* 2017;7(1):8626. Published 2017 Aug 17. [2]. Mostofa A, et al. Plasma cell dependence on histone/protein deacetylase 11 reveals a therapeutic target in multiple myeloma. *JCI Insight.* 2021;6(24):e151713. Published 2021 Dec 22.

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