
Product Data Sheet

Product Name: Cbl-b-IN-2

Cat. No.: GC68839

Chemical Properties

Cas. No. 2503325-21-9

Formula $C_{29}H_{30}F_5N_5O_2$

M.Wt 575.57

Solubility DMSO : 140 mg/mL (243.24 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

Cbl-b-IN-2 (Example 8) is an orally bioavailable compound, can inhibit the E3 enzyme **Casitas B-lineage lymphoma proto-oncogene-b (Cbl-b)** in the ubiquitin. Showed Cbl-b activity with an with **IC₅₀** values range of 5.1-100 nM and \square 1 nM in high and low concentration of Cbl-b, respectively.

[1]. Arthur T. Sands, et al. 3-substituted piperidine compounds for cbl-b inhibition, and use of a cbl-b inhibitor in combination with a cancer vaccine and/or oncolytic virus. Patent WO 2020210508A1.

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