

## Product Data Sheet

Product Name: Autotaxin-IN-3

Cat. No.: GC38890

### Chemical Properties

Cas. No. 2156655-68-2

SMILES O=C(N1CCC(N=NN2)=C2C1)CC3=NN=C(C4=CN=C(NC5CC6=C(C=CC=C6)C5)N=C4)O3

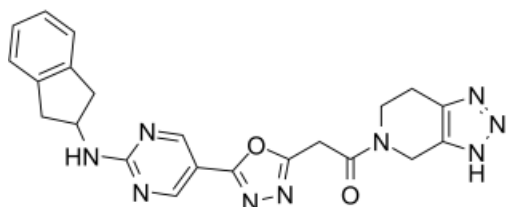
Formula  $C_{22}H_{21}N_9O_2$  M.Wt 443.46

Solubility DMSO: 250 mg/mL (563.75 mM) 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

Autotaxin-IN-3 is a Autotaxin(ATX) inhibitor with an IC<sub>50</sub> of 2.4 nM, compound 33, sourced from patent WO2018212534A1[1].

Autotaxin is an enzyme which is responsible for the increase in lysophosphatidic acid in ascites and plasma, and it is a secretory enzyme important for converting lysophosphatidylcholine (LPC) into lysophosphatidic acid (LPA) as a bioactive signaling molecule[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

## Product Data Sheet

---

[1]. LEE, Dae Yon, et al. NOVEL COMPOUNDS AS AUTOTAXIN INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME. Patent O2018212534A1

***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](mailto:tech@glpbio.com)***

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