

---

## Product Data Sheet

---

Product Name: PqsR/LasR-IN-2

Cat. No.: GC69732

### Chemical Properties

Cas. No. 2071705-93-4

Formula  $C_{21}H_{23}ClN_4O_2$

M.Wt 398.89

Solubility DMSO : 100 mg/mL (250.70 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

PqsR/LasR-IN-2 (Compound 3) is a potent inhibitor of **PqsR** and **LasR** systems in *P. aeruginosa*. PqsR/LasR-IN-2 also inhibits hERG with the  $IC_{50}$  of  $1.408 \mu M$ <sup>[1]</sup>.

[1]. Mohammad Anwar Hossain, et al. Design, synthesis, and evaluation of compounds capable of reducing *Pseudomonas aeruginosa* virulence. *Eur J Med Chem.* 2020 Jan 1;185:111800.

**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