

---

**Product Data Sheet**

---

Product Name: (R)-Irsenontrine

Cat. No.: GC67864

**Chemical Properties**

Cas. No. 1429509-81-8

Formula  $C_{22}H_{22}N_4O_3$ 

M.Wt 390.44

Solubility DMSO : 25 mg/mL (64.03 mM; Need ultrasonic)

Storage 4°C, away from moisture and light

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**

(R)-Irsenontrine ((R)-E2027), the R-enantiomer of Irsenontrine , is a potent **phosphodiesterase 9 (PDE9)** inhibitor with an **IC<sub>50</sub>** value of 0.041 μM. (R)-Irsenontrine can be used for the research of neurological diseases<sup>[1]</sup>.

[1]. Yoshihiko N, et, al. Pyrazoloquinoline derivative. WO2013051639A1.

**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