

---

**Product Data Sheet**

---

Product Name: TrkA-IN-3

Cat. No.: GC70064

**Chemical Properties**

Cas. No.

Formula  $C_{24}H_{17}F_3N_4O_3$ 

M.Wt 466.41

Solubility DMSO : 50 mg/mL (107.20 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**

TrkA-IN-3 is a potent, subselective and allosteric **TrkC**. **TrkA-IN-3 can be used for the research of pain**<sup>[1]</sup>.

**TrkA-IN-3 (IC<sub>50</sub> 5) IC<sub>50</sub> 1 μM > 0.1 μM vs TrkA IC<sub>50</sub> 73.9% > 64.8%**<sup>[1]</sup>

**[1]. Tang S, et, al. Design, development and evaluation of a prodrug-type TrkA-selective inhibitor with antinociceptive effects in vivo. Eur J Med Chem. 2023 Jan 5;245(Pt 2):114901.**

*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

---