

---

**Product Data Sheet**

---

Product Name: NCGC00029283

Cat. No.: GC63653

**Chemical Properties**

Cas. No. 714240-31-0

Formula  $C_{18}H_{12}FN_3O_3$  M.Wt 337.3

Solubility 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**

NCGC00029283 is a werner syndrome helicase-nuclease (WRN) helicase inhibitor with IC50s of 2.3  $\mu$ M, 12.5  $\mu$ M, and 3.4  $\mu$ M for WRN, BLM and FANCI helicase, respectively[1].

NCGC00029283 (0-100  $\mu$ M; 24-72 h) effectively blocks cell proliferation in U2-OS cells[1].

[1]. Joshua A Sommers, et al. A high-throughput screen to identify novel small molecule inhibitors of the Werner Syndrome Helicase-Nuclease (WRN). PLoS One. 2019 Jan 9;14(1):e0210525.

**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

---