
Product Data Sheet

Product Name: ROS kinases-IN-1

Cat. No.: GC67711

Chemical Properties

Cas. No. 370096-57-4

Formula C₂₀H₁₆N₄O M.Wt 328.37

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**

ROS kinases-IN-1 (pag 98) is a **ROS tyrosine kinase** inhibitor with **IC₅₀** value of 1.22 μM. ROS kinases-IN-1 shows anti-tumor activity^[1].

ROS kinases-IN-1 (1-100 μM; 1 d) inhibits the growth of cervical cancer cell and glioblastoma cells^[1].

Cell Viability Assay^[1]

Cell Line: HeLa, U138, U87, LN18, and U118 cells

Concentration: 1, 10, and 100 μM

Incubation Time: one day

Result: Showed EC₅₀s for HeLa, U138, U87, LN18, and U118 cells of 20, 8, 8, 12, and 7 μM, respectively.

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Dorre A. GRUENEGER, et al. Novel methods, compounds, and compositions for inhibition of ros. WO2014141129A2.

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