
Product Data Sheet

Product Name: SLMP53-1

Cat. No.: GC65284

Chemical Properties

Cas. No. 1643469-17-3

Formula C₂₀H₁₈N₂O₂

M.Wt 318.37

Solubility DMSO : 250 mg/mL (785.25 mM; ultrasonic and warming and heat to 80°C)

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**

SLMP53-1 is a wild-type and mutant p53 reactivator with promising antitumor activity. SLMP53-1 mediates the reprogramming of glucose metabolism in cancer cells. SLMP53-1 depletes angiogenesis, decreasing endothelial cell tube formation and vascular endothelial growth factor (VEGF) expression levels[1][2].

[1]. Gomes S, et al. SLMP53-2 Restores Wild-Type-Like Function to Mutant p53 through Hsp70: Promising Activity in Hepatocellular Carcinoma. *Cancers (Basel)*. 2019 Aug 10;11(8):1151.

[2]. Ramos H, et al. SLMP53-1 Inhibits Tumor Cell Growth through Regulation of Glucose Metabolism and Angiogenesis in a P53-Dependent Manner. *Int J Mol Sci*. 2020 Jan 17;21(2):596.

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

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