
Product Data Sheet

Product Name: CVT-11127

Cat. No.: GC66005

Chemical Properties

Cas. No. 1018674-83-3

Formula $C_{25}H_{23}Cl_2N_5O_3$ M.Wt 512.39

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**

CVT-11127 (FMK13918) is an inhibitor of stearoylCoA desaturase-1 (SCD1). CVT-11127 reduces lipid synthesis and impaires proliferation by blocking the progression of cell cycle through the G(1)/S boundary and by triggering programmed cell death.

CVT-11127, an SCD1 inhibitor, decreases expression of SCD1, prevents the growth of STK11/KEAP1 co-mutant cells and sensitizes those cells to ferroptosis induction.[2]

[1] Daniel Hess, et al. PLoS One. 2010 Jun 30;5(6):e11394. [2] Wohlhieter CA, et al. Cell Rep. 2020 Dec 1;33(9):108444.

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

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