
Product Data Sheet

Product Name: Antituberculosis agent-5

Cat. No.: GC66027

Chemical Properties

Cas. No. 313981-44-1

Formula $C_{13}H_{12}N_2O_5$ M.Wt 276.24

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**

Antituberculosis agent-5 (compound 52) is a nitrofuranylamide derivative, inhibits *M. tuberculosis* **UDP-Gal mutase**. Antituberculosis agent-5 inhibits **Glf** activity with an **IC₅₀** value of 99 μM/mL and resists tuberculosis (TB) with a MIC value of 1.6 μg/mL^[1].

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

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