

Product Data Sheet

Product Name: DG70
Cat. No.: GC70320

Chemical Properties

Cas. No. 930470-97-6

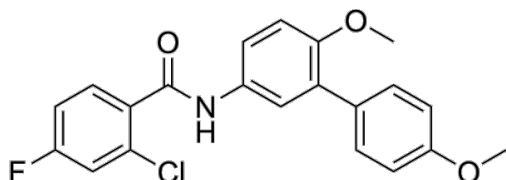
Formula $C_{21}H_{17}ClFNO_3$ M.Wt 385.82

Solubility DMSO : 50 mg/mL (129.59 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

DG70 (GSK1733953A), a biphenyl amide, is a respiration inhibitor in Mycobacterium tuberculosis, inhibits MenG activity with an IC₅₀ value of $2.6 \pm 0.6 \mu\text{M}$. DG70 inhibits the catalytic methylation of Mycobacterium tuberculosis demethylmenaquinone methyltransferase enzymes. DG70 can be used for Tuberculosis (TB) research.

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

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