

GSK2945 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₀H₁₉Cl₃N₂O₂S

Molecular Weight: 457.8

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	GSK2945 hydrochloride is a tertiary amine and a highly specific antagonist of Rev-erb α /REV-ERB α (mouse/human reverse erythropoietic virus α) with an EC ₅₀ value of 21.5 μ M and 20.8 μ M, respectively. GSK2945 hydrochloride increases cholesterol 7 α -hydroxylase (The EC ₅₀ values were 21 μ M and 20 μ M, respectively).
Targets(IC ₅₀)	Others, Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1844 mL	10.9218 mL	21.8436 mL
5 mM	0.4369 mL	2.1844 mL	4.3687 mL
10 mM	0.2184 mL	1.0922 mL	2.1844 mL
50 mM	0.0437 mL	0.2184 mL	0.4369 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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