
Product Data Sheet

Product Name: GSK2647544

Cat. No.: GC67909

Chemical Properties

Cas. No. 1380426-95-8

Formula $C_{24}H_{18}ClF_3N_4O_3$

M.Wt 502.87

Solubility DMSO : 100 mg/mL (198.86 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, protect from light

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**

GSK2647544 is an orally available, selective inhibitor of **Lp-PLA2**. Lipoprotein-associated phospholipase (Lp-PLA2) is a calcium-independent phospholipase A2 with proinflammatory activities that is primarily secreted by monocyte-derived macrophages^[1].

[1]. Wu K, et al. Evaluation of the safety, pharmacokinetics, pharmacodynamics, and drug-drug interaction potential of a selective Lp-PLA2 inhibitor (GSK2647544) in healthy volunteers?. *Int J Clin Pharmacol Ther.* 2016;54(12):935-949.

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

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