

Product Data Sheet

Product Name: Giripladib

Cat. No.: GC71088

Chemical Properties

Cas. No. 865200-20-0

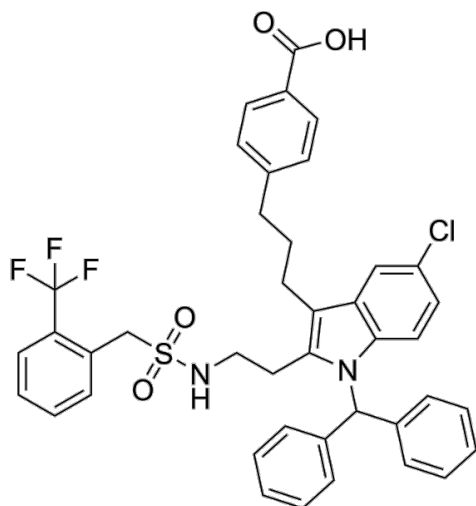
Formula $C_{41}H_{36}ClF_3N_2O_4S$ M.Wt 745.25

Solubility DMSO : 125 mg/mL (167.73 mM; Storage
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

Giripladib (PLA-695) is a indole-based inhibitor of cytosolic phospholipase A2 (cPLA2). Giripladib can be used for osteoarthritis and breast cancer research.

References:

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

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- [1]. Kokotos G, et al. Inhibition of group IVA cytosolic phospholipase A2 by thiazolyl ketones in vitro, ex vivo, and in vivo. J Med Chem. 2014 Sep 25;57(18):7523-35.
- [2]. Liu S, et al. A novel lncRNA ROPM-mediated lipid metabolism governs breast cancer stem cell properties. J Hematol Oncol. 2021 Oct 29;14(1):178.

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