

Product Data Sheet

Product Name: S07-1066

Cat. No.: GC73540

Chemical Properties

Cas. No. 876625-29-5

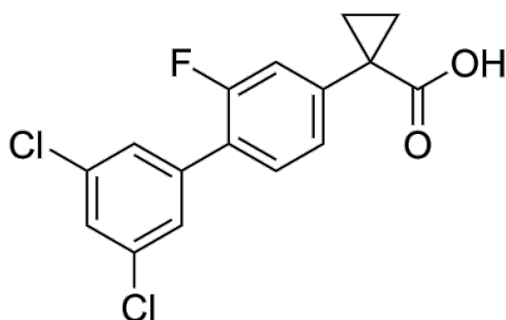
Formula $C_{16}H_{11}Cl_2FO_2$ M.Wt 325.16

Solubility DMSO : 100 mg/mL (307.54 mM; Storage -20°C
Need ultrasonic)

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

S07-1066 is an aldo-keto reductase 1C3 (AKR1C3) inhibitor, synergizing doxorubicin (DOX) cytotoxicity. S07-1066 selectively blocks AKR1C3-mediated reduction of DOX, and reverses the DOX

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

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resistance in overexpressing AKR1C3 cells.

References:

[1]. He S, et al. Development of Biaryl-Containing Aldo-Keto Reductase 1C3 (AKR1C3) Inhibitors for Reversing AKR1C3-Mediated Drug Resistance in Cancer Treatment. J Med Chem. 2023 Jul 6.

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