

Product Data Sheet

Product Name: FIPI hydrochloride

Cat. No.: GB40196

Chemical Properties

Cas. No. 1781834-93-2

Formula $C_{23}H_{24}FN_5O_2 \cdot HCl$

M.Wt 457.93

Solubility

Storage

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

Phospholipase D (PLD) inhibitor (IC₅₀ values of 20-25 nM for both PLD1 and PLD2) that rapidly blocks in vivo phosphatidic acid (PA) production with subnanomolar potency. FIPI does inhibit PLD regulation of F-actin cytoskeleton reorganization, PIP2 availability, cell spreading, and chemotaxis, indicating potential utility for it as a therapeutic for autoimmunity and cancer metastasis.

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

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