

Product Data Sheet

Product Name: PIKfyve-IN-3

Cat. No.: GC74025

Chemical Properties

Cas. No.

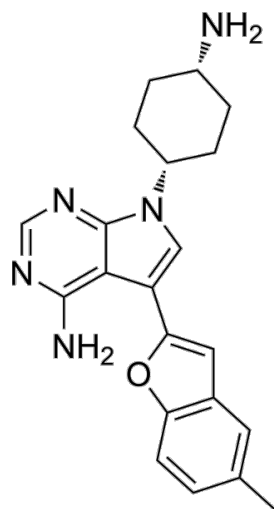
Formula $C_{21}H_{23}N_5O$ M.Wt 361.44

Solubility DMSO : 10 mg/mL (27.67 mM; ultrasonic and warming and heat to 60°C) Storage -20°C

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

PIKfyve-IN-3 (compound L22) has a remarkable interaction with PIKfyve kinase with a K_d value of 0.47 nM. PIKfyve-IN-3 has oral activity. PIKfyve-IN-3 inhibits tumor growth in a HeLa xenograft model.

References:

[1]. Yong Chen, et al. Discovery of Potent and Selective Phosphatidylinositol 3-Phosphate 5-Kinase

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

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(PIKfyve) Inhibitors as Methuosis Inducers. J Med Chem. 2024, 67, 1.

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