

Product Data Sheet

Product Name: 5-Iodo-BIIB021

Cat. No.: GC81023

Chemical Properties

Cas. No. 911397-54-1

Formula $C_{15}H_{15}ClIN_5O$

M.Wt 443.67

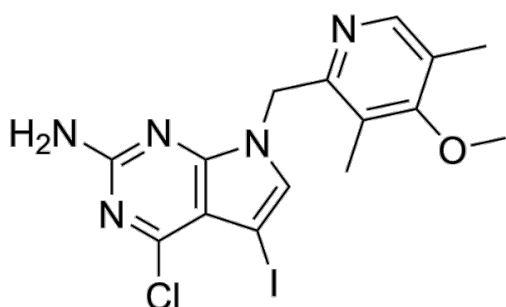
Solubility

Storage Store at 4°C, away from moisture and 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

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

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5-Iodo-BIIB021 is a HSP90 ligand. 5-Iodo-BIIB021 serves as a Ligand for Target Protein for PROTAC for the synthesis of PROTAC HSP90 degraders, such as PROTAC HSP90 degrader BP3. 5-Iodo-BIIB021 is applicable to breast cancer research [1].

In Vivo, BIIB021 (60 mg/kg; i.p.; daily; 12 days) achieves a 31.82% tumor inhibition rate in a BALB/c mouse 4T1 breast cancer model [1].

References:

[1]. Liu Q, et al. Discovery of BP3 as an efficacious proteolysis targeting chimera (PROTAC) degrader of HSP90 for treating breast cancer. European journal of medicinal chemistry. 2022 Jan 15;228:114013.

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