

Product Data Sheet

Product Name: BI-7273 acid

Cat. No.: GC80926

Chemical Properties

Cas. No. 2097514-90-2

Formula $C_{21}H_{23}N_3O_5$

M.Wt 397.42

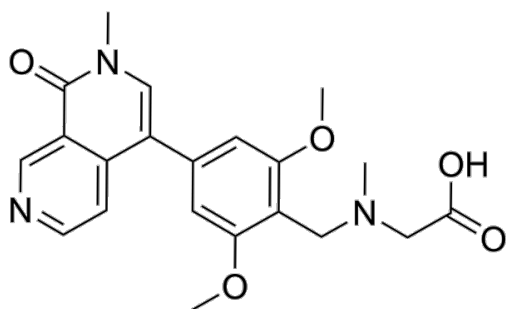
Solubility

Storage Store at -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

BI-7273 acid, BI-7273 derivative, is a BRD9 PROTAC ligand. BI-7273 acid can be conjugated with E3 ligase Ligand Thalidomide and linker to synthesize BRD9 PROTAC degrader dBRD 9-A [1].

In Vitro, PROTACs consist of two distinct ligands linked by a linker: one is a ligand for an E3 ubiquitin ligase, and the other is a ligand for the target protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

References:

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

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[1]. Brien GL, et al. Targeted degradation of BRD9 reverses oncogenic gene expression in synovial sarcoma. Elife. 2018;7:e41305. Published 2018 Nov 15.

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