

Product Data Sheet

Product Name: TBI-223
Cat. No.: GC62445

Chemical Properties

Cas. No. 2071265-08-0

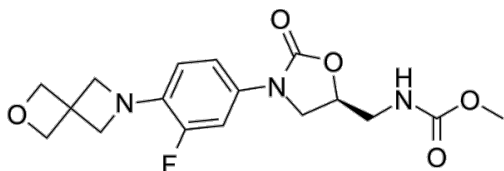
Formula $C_{17}H_{20}FN_3O_5$ M.Wt 365.36

Solubility DMSO : 50 mg/mL (136.85 mM; Need ultrasonic) 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

TBI-223 is an orally bioavailable oxazolidinone antibiotic and an antimicrobial. TBI-223 shows activity

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

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against Mycobacterium tuberculosis (Mtb)[1][2].

[1]. Chauhan A, et al. Comprehensive review on mechanism of action, resistance and evolution of antimycobacterial drugs. Life Sci. 2021;274:119301.

[2]. Motamen S, et al. Analysis of Approaches to Anti-tuberculosis Compounds. ACS Omega. 2020;5(44):28529-28540. Published 2020 Oct 27.

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