
Product Data Sheet

Product Name: CID-1517823

Cat. No.: GC25249

Chemical Properties

Cas. No. 634175-34-1

Formula C₂₂H₂₁F₃N₆O₃S

M.Wt 506.5

Solubility DMSO: 25 mg/mL (49.36 mM);Water: Insoluble;Ethanol: Insoluble

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**

CID-1517823 (ML328) is a potent and selective inhibitor of bacterial AddAB and RecBCD helicase-nucleases, with IC₅₀s of 1.0 and 4.8 μM.

[1] Bannister TD, et al. 2012 Dec 17 [updated 2013 Apr 5]. In: Probe Reports from the NIH Molecular Libraries Program [Internet]. Bethesda (MD): National Center for Biotechnology Information (US); 2010-.

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

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