

Product Data Sheet

Product Name: ML303
Cat. No.: GC65122

Chemical Properties

Cas. No. 1638211-04-7

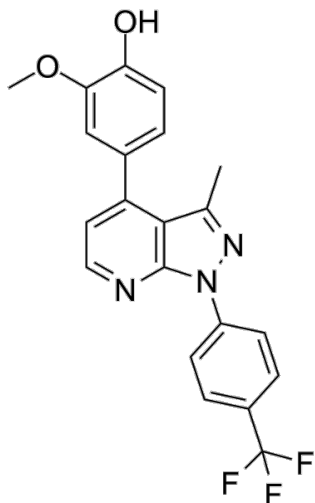
Formula C₂₁H₁₆F₃N₃O₂ M.Wt 399.37

Solubility DMSO : 125 mg/mL (312.99 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

ML303 is a pyrazolopyridine influenza virus nonstructural protein 1 (NS1) antagonist (IC₉₀ = 155 nM), with an EC₅₀ of 0.7 μM for Influenza A virus H1N1[1].

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

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ML303 (20 μ M, 6 h) treatment restore IFN- β mRNA levels in MDCK cells[1].

[1]. Patnaik S, et al. Identification, design and synthesis of novel pyrazolopyridine influenza virus nonstructural protein 1 antagonists. Bioorg Med Chem Lett. 2019 May 1;29(9):1113-1119.

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