

Product Data Sheet

Product Name: Enpp-1-IN-5

Cat. No.: GC70908

Chemical Properties

Cas. No. 2230916-95-5

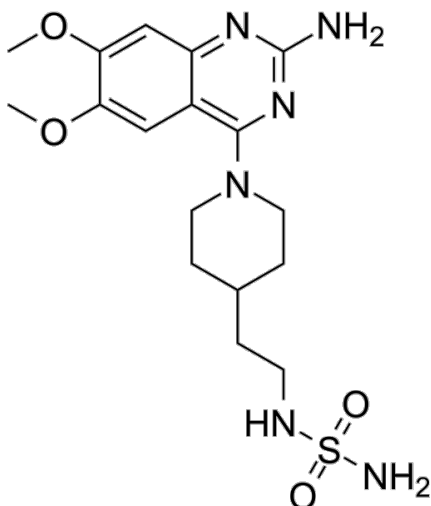
Formula $C_{17}H_{26}N_6O_4S$ M.Wt 410.49

Solubility DMSO : 100 mg/mL (243.61 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

Enpp-1-IN-5 is a potent inhibitor of ectonucleotide pyrophosphatase-phosphodiesterase 1 (enpp-1). The ENPP 1 has broad specificity and can cleave a variety of substrates, including phosphodiester bonds of nucleotides and nucleotide sugars and pyrophosphate bonds nucleotides and nucleotide sugars. Enpp-1-IN-5 has the potential for the research of cancer and infectious diseases (extracted

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

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from patent WO2019046778A1/WO2021203772A1, compound 1).

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