

Product Data Sheet

Product Name: GNE-1858

Cat. No.: GC39631

Chemical Properties

Cas. No. 2680616-96-8

SMILES FC1(CCN(C2=NC(C3CCNC3)=CC(NC4=CC5=C(C=N4)C=NN5C(C)C)=N2)C1)F

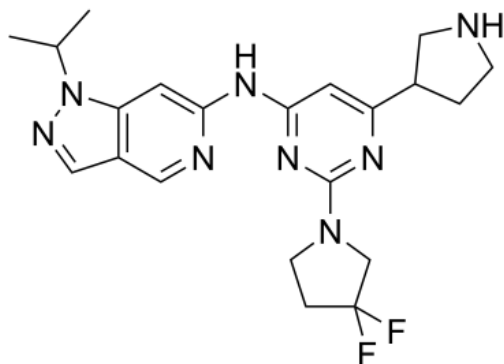
Formula $C_{21}H_{26}F_2N_8$ M.Wt 428.48

Solubility DMSO : 20 mg/mL (46.68 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

GNE-1858 is a potent and ATP-competitive hematopoietic progenitor kinase-1 (HPK1) inhibitor, with IC₅₀s of 1.9 nM, 1.9 nM, and 4.5 nM for wild-type and the active mimetic mutants HPK1-TSEE and HPK1-SA, respectively[1].

[1]. Wu P, et al. Hematopoietic Progenitor Kinase-1 Structure in a Domain-Swapped Dimer. Structure. 2019 Jan 2;27(1):125-133.e4.

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

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