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**Product Data Sheet**

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Product Name: GNE-955  
Cat. No.: GC33253

**Chemical Properties**

Cas. No. 1527523-39-2

SMILES CC1=CN=CC(C2=CC3=C(C=NN3C4=CC=C(OC)C(N5CCC[C@H](N)C5)=N4)C=N2)=N1

Formula C<sub>22</sub>H<sub>24</sub>N<sub>8</sub>O M.Wt 416.48

Solubility Soluble in DMSO 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-955 is a potent pan Pim kinase inhibitor with Kis of 18, 110, 8 nM for Pim1, Pim2, Pim3, respectively.

Pim kinases have been identified as promising therapeutic targets for hematologic-oncology indications, including multiple myeloma and certain leukemia. MM.1S myeloma cell line treated with a dose range of GNE-955 reveals a constellation of PIM downstream signaling events consistent with inhibition of Pim kinases[1].

GNE-955 has excellent bioavailability in rat. Rat clearance of GNE-955 is moderate at 34 mL /min/kg with good oral exposure[1].

[1]. Wang X, et al. Discovery of 5-Azaindazole (GNE-955) as a Potent Pan-Pim Inhibitor with Optimized Bioavailability. J Med Chem. 2017 May 25;60(10):4458-4473.

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

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