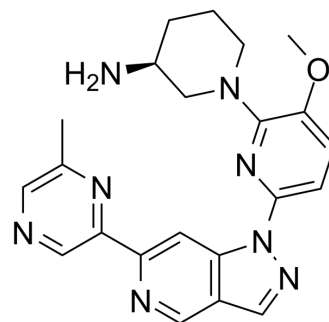


GENE-955

Cat. No.:	HY-101783
CAS No.:	1527523-39-2
Molecular Formula:	C ₂₂ H ₂₄ N ₈ O
Molecular Weight:	416.48
Target:	Pim
Pathway:	JAK/STAT Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GNE-955 is a potent and orally active pan Pim kinase inhibitor with K _i s of 0.018, 0.11, 0.08 nM for Pim1, Pim2, Pim3, respectively.		
IC₅₀ & Target	PIM1 0.018 nM (Ki)	PIM2 0.11 nM (Ki)	PIM3 0.08 nM (Ki)
In Vitro	<p>GNE-955 inhibits proliferation of MM.1S cells, with an IC₅₀ value of 0.5 μM after 72 hours treatment^[1].</p> <p>GNE-955 (0.156-5 μM) inhibits the phosphorylation of BAD (s112), S6 (s235/236), S6 (s240/244) and 4EBP (s65), shows no effect on total BAD, S6 or 4EBP protein levels.^[1]</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>		

REFERENCES

[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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