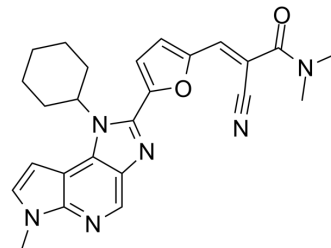


FM-479

Cat. No.:	HY-131014
CAS No.:	2226521-64-6
Molecular Formula:	C ₂₅ H ₂₆ N ₆ O ₂
Molecular Weight:	442.51
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FM-479 is the negative control of FM-381 (HY-102046) and has no activity on JAK3 or other kinases ^[1] . FM-381 is a potent covalent reversible inhibitor of JAK3 targeting the unique Cys909. FM-381 has an IC ₅₀ of 127 pM for JAK3, with 410, 2700 and 3600-fold selectivity over JAK1, JAK2 and TYK2, respectively.
IC₅₀ & Target	JAK3
In Vitro	FM-479 is the inactive control of FM-381, the concentration used in assays is similar ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. <https://www.thesgc.org/chemical-probes/FM-381>

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

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