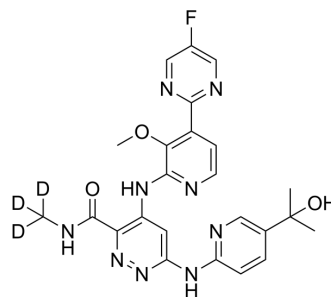


TYK2 JH2-IN-1-d₃

Cat. No.:	HY-149892S
CAS No.:	2376999-19-6
Molecular Formula:	C ₂₄ H ₂₁ D ₃ FN ₉ O ₃
Molecular Weight:	508.52
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TYK2?JH2-IN-1-d ₃ is the a deuterated, orally active and selective TYK2 inhibitor (compound 4h), targeting to JH2 domain (IC ₅₀ =0.1 nM) ^[1] .
IC ₅₀ & Target	TYK2 JH2 domain ^[1]

REFERENCES

[1]. Xiao Z, et al. Structure-activity relationship study of central pyridine-derived TYK2 JH2 inhibitors: Optimization of the PK profile through C4' and C6 variations. Bioorg Med Chem Lett. 2023 Jul 15;91:129373.

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

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