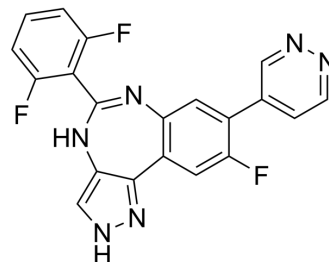


## LRRK2/NUAK1/TYK2-IN-1

Cat. No.:	HY-153103
CAS No.:	2629192-96-5
Molecular Formula:	C <sub>20</sub> H <sub>11</sub> F <sub>3</sub> N <sub>6</sub>
Molecular Weight:	392.34
Target:	LRRK2; JAK; AMPK
Pathway:	Autophagy; Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LRRK2/NUAK1/TYK2-IN-1 (compound 226) shows inhibitory activity toward LRRK2 (Wt), LRRK2 (G2019), TYK2 and NUAK1, with IC <sub>50</sub> values lower than 10 nM. LRRK2/NUAK1/TYK2-IN-1 can be used for autoimmune disease research <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Tyk2	NUAK1

### REFERENCES

[1]. Roland Koestler, et al. 1,4-dihydrobenzo[d]pyrazolo[3,4-f][1,3]diazepine derivatives and related compounds as lrrk2, nuak1 and/or tyk2 kinase modulators for the treatment of e.g. autoimmune disease. Patent WO2021048618A1.

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

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