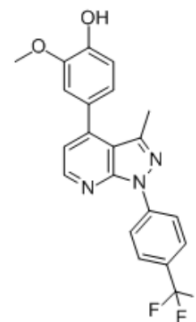


## ML303

Cat. No.: HY-126136  
 CAS No.: 1638211-04-7  
 Molecular Formula:  $C_{21}H_{16}F_3N_3O_2$   
 Molecular Weight: 399.37  
 Storage: Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	ML303 is a pyrazolopyridine <b>influenza virus nonstructural protein 1 (NS1)</b> antagonist ( $IC_{90} = 155$ nM), with an $EC_{50}$ of $0.7$ $\mu$ M for Influenza A virus H1N1 <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : $0.7$ $\mu$ M (H1N1) <sup>[1]</sup> .
In Vitro	ML303 ( $20$ $\mu$ M, $6$ h) treatment restore IFN- $\beta$ mRNA levels in MDCK cells <sup>[1]</sup> . <b>Western Blot Analysis<sup>[1]</sup></b>
	Cell Line: MDCK cells infected with A/PR/8/34, at a MOI of 2, for 6 hours.
	Concentration: $20$ $\mu$ M.
	Incubation Time: 6 hours.
	Result: Restored IFN- $\beta$ mRNA levels in MDCK cells.

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

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