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## Certificate of Analysis

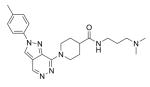
## TLR9-IN-1

Cat. No.:	HY-148045	
CAS No.:	2226366-86-3	
Batch No.:	262879	
Chemical Name:	4-Piperidinecarboxamide, N-[3-(dimethylamino)propyl]-1-[2-(4-methylphenyl)-2H-pyrazolo[3,4-	
	d]pyridazin-7-yl]-	

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>23</sub> H <sub>31</sub> N <sub>7</sub> O
Molecular Weight:	421.54
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 



### ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.80%
Conclusion:	The product has been tested and complies with the given specifications.

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

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