# 

## Certificate of Analysis

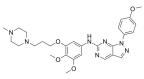
### TBK1/IKKε-IN-4

Cat. No.:	HY-124652
CAS No.:	1381930-17-1
Batch No.:	122172
Chemical Name:	1H-Pyrazolo[3,4-d]pyrimidin-6-amine, N-[3,4-dimethoxy-5-[3-(4-methyl-1-piperazinyl)propoxy]p
	henyl]-1-(4-methoxyphenyl)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>28</sub> H <sub>35</sub> N <sub>7</sub> O <sub>4</sub>
Molecular Weight:	533.62
Storage:	4°C, sealed storage, away from moisture and light
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and
	light)

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance:	White to light yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.83%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA