

## Certificate of Analysis

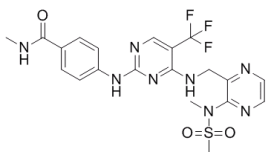
**Product Name:** Defactinib  
**Cat. No.:** HY-12289  
**CAS No.:** 1073154-85-4  
**Batch No.:** 15678  
**Chemical Name:** Benzamide, N-methyl-4-[[4-[[[3-[methyl(methylsulfonyl)amino]-2-pyrazinyl]methyl]amino]-5-(trifluoromethyl)-2-pyrimidinyl]amino]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>21</sub>F<sub>3</sub>N<sub>8</sub>O<sub>3</sub>S  
**Molecular Weight:** 510.49  
**Storage:**

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.32%  
**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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