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# Certificate of Analysis

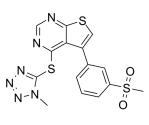
## NCT-504

| Cat. No.:      | HY-136311  |
|----------------|--|
| CAS No.:       | 1222765-97-0   |
| Batch No.:     | 178409   |
| Chemical Name: | Thieno[2,3-d]pyrimidine, 5-[3-(methylsulfonyl)phenyl]-4-[(1-methyl-1H-tetrazol-5-yl)thio]- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{15}H_{12}N_6O_2S_3$ |       |          |
|--------------------|-------------------------|-------|----------|
| Molecular Weight:  | 404.49                  |       |          |
| Storage:           | Powder                  | -20°C | 3 years  |
|                    | In solvent              | -80°C | 6 months |
|                    |                         | -20°C | 1 month  |

**Chemical Structure:** 



### ANALYTICAL DATA

| Appearance:                  | White to light yellow (Solid)   |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 98.70%  |
| 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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