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## Certificate of Analysis

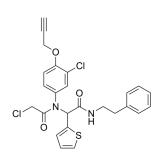
## ML162-yne

| Cat. No.:      | HY-153748   |
|----------------|---|
| CAS No.:       | 2883115-46-4  |
| Batch No.:     | 271544  |
| Chemical Name: | 2-Thiopheneacetamide, α-[(2-chloroacetyl)[3-chloro-4-(2-propyn-1-yloxy)phenyl]amino]-N-(2-p |
|                | henylethyl)-  |

### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>25</sub> H <sub>22</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub> | S            |                     |
|--------------------|---|--------------|---------------------|
| Molecular Weight:  | 501.42  |              |                     |
| Storage:           | Powder  | -20°C        | 3 years             |
|                    |   | 4°C          | 2 years             |
|                    | In solvent  | -80°C        | 6 months            |
|                    |   | -20°C        | 1 month             |
| 0                  | Powder  | 4°C<br>-80°C | 2 years<br>6 months |

**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):               | 99.23%  |
| 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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