

## Certificate of Analysis

Product Name: 4-(2, 5-Dioxo-2, 5-dihydro-1H-pyrrol-1-yl)butanehydrazide hydrochloride  
Cat. No.: GF29129  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 1588441-05-7  
Molecular Formula: C<sub>8</sub>H<sub>12</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight: 233.66  
Storage: Store at RT,

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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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