

Certificate of Analysis

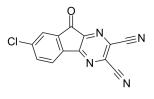
HBX 41108

| Cat. No.: | HY-101666 |
|----------------|--|
| CAS No.: | 924296-39-9 |
| Batch No.: | 228073 |
| Chemical Name: | 9H-Indeno[1,2-b]pyrazine-2,3-dicarbonitrile, 7-chloro-9-oxo- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₁₃ H ₃ ClN ₄ O |
|--------------------|---|
| Molecular Weight: | 266.64 |
| Storage: | 4°C, sealed storage, away from moisture |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Light yellow to yellow (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.61% |
| 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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