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Certificate of Analysis

Thioperamide (maleate)

 Cat. No.:
 HY-12206A

 CAS No.:
 148440-81-7

 Batch No.:
 351019

Chemical Name: 1-Piperidinecarbothioamide, N-cyclohexyl-4-(1H-imidazol-5-yl)-, (2Z)-2-butenedioate (1:?)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{24}N_4S.xC_4H_4O_4$

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.26%

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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