Inhibitors

Certificate of Analysis

TSHR antagonist S37b

Cat. No.: HY-129995 CAS No.: 2143452-22-4

Batch No.: 59316

Chemical Name: 5,9-Methanothiazolo[5',4':5,6]thiopyrano[2,3-f]isoindole-2,6,8(7H)-trione, 3,4a,5,5a,8a,9,9a,10-o

ctahydro-7,10-diphenyl-, (4aR,5R,5aS,8aS,9S,9aR,10S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{20}N_2O_3S_2$

Molecular Weight: 460.57

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Off-white to light yellow (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.06%

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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