

Certificate of Analysis

MMH2-NR

Cat. No.: HY-157592 **Batch No.:** 382311

Chemical Name: tert-Butyl (S)-2-(4-(4-(ethylsulfonamido)phenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4

,3-a][1,4]diazepin-6-yl)acetate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{31}N_5O_4S_2$

Molecular Weight: 529.67

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.72%

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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