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**Certificate of Analysis**

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Product Name: TC OT 39  
Cat. No.: GC14001  
Batch No.: 1  
Chemical Name: (S,Z)-2-(4-methyl-1,4-diazepane-1-carbonothioyl)-N-(2-methyl-4-(1-methyl-1,4,5,10-tetrahydrobenzo[b]pyrazolo[3,4-e][1,4]diazepine-5-carbonyl)benzyl)pyrrolidine-1-carbimidic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 479232-57-0  
Molecular Formula:  $C_{32}H_{40}N_8O_2S$   
Molecular Weight: 600.78  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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