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**Certificate of Analysis**

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Product Name: Ro 19-4603  
Cat. No.: GC12377  
Batch No.: 1  
Chemical Name: tert-butyl 5-methyl-6-oxo-5,6-dihydro-4H-imidazo[1,5-a]thieno[2,3-f][1,4]diazepine-3-carboxylate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 99632-94-7  
Molecular Formula: C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>S  
Molecular Weight: 319.38  
Storage: Store at RT  
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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