

Certificate of Analysis

Inhibitors • Screening Libraries • Proteins

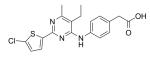
PDE4B-IN-2

| Cat. No.: | HY-115687 |
|----------------|---|
| CAS No.: | 915082-52-9 |
| Batch No.: | 230385 |
| Chemical Name: | Benzeneacetic acid, 4-[[2-(5-chloro-2-thienyl)-5-ethyl-6-methyl-4-pyrimidinyl]amino]- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₁₉ H ₁₈ ClN ₃ O ₂ S | | |
|--------------------|---|-------|----------|
| Molecular Weight: | 387.88 | | |
| 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 off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (HPLC): | 99.21% |
| 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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