

Certificate of Analysis

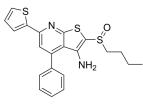
SW033291

| Cat. No.: | HY-16968 |
|----------------|---|
| CAS No.: | 459147-39-8 |
| Batch No.: | 146378 |
| Chemical Name: | Thieno[2,3-b]pyridin-3-amine, 2-(butylsulfinyl)-4-phenyl-6-(2-thienyl)- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $\mathrm{C_{21}H_{20}N_2OS_3}$ | | |
|--------------------|--------------------------------|-------|---------|
| Molecular Weight: | 412.59 | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 2 years |
| | | -20°C | 1 year |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Light yellow to yellow (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.74% |
| 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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