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## Certificate of Analysis

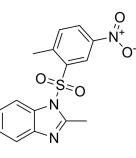
### BI-6015

| Cat. No.:      | HY-108469  |
|----------------|--|
| CAS No.:       | 93987-29-2   |
| Batch No.:     | 129529   |
| Chemical Name: | 1H-Benzimidazole, 2-methyl-1-[(2-methyl-5-nitrophenyl)sulfonyl]- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{15}H_{13}N_3O_4S$ |       |          |
|--------------------|-----------------------|-------|----------|
| Molecular Weight:  | 331.35                |       |          |
| 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)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 98.67%  |
| 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA