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## Certificate of Analysis

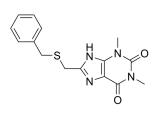
### TPBM

| Cat. No.:      | HY-131404   |
|----------------|---|
| CAS No.:       | 6466-43-9   |
| Batch No.:     | 401510  |
| Chemical Name: | 1H-Purine-2,6-dione, 3,9-dihydro-1,3-dimethyl-8-[[(phenylmethyl)thio]methyl]- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $\mathrm{C_{15}H_{16}N_4O_2S}$ |       |          |
|--------------------|--------------------------------|-------|----------|
| Molecular Weight:  | 316.38                         |       |          |
| 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 (HPLC):               | 98.51%  |
| 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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