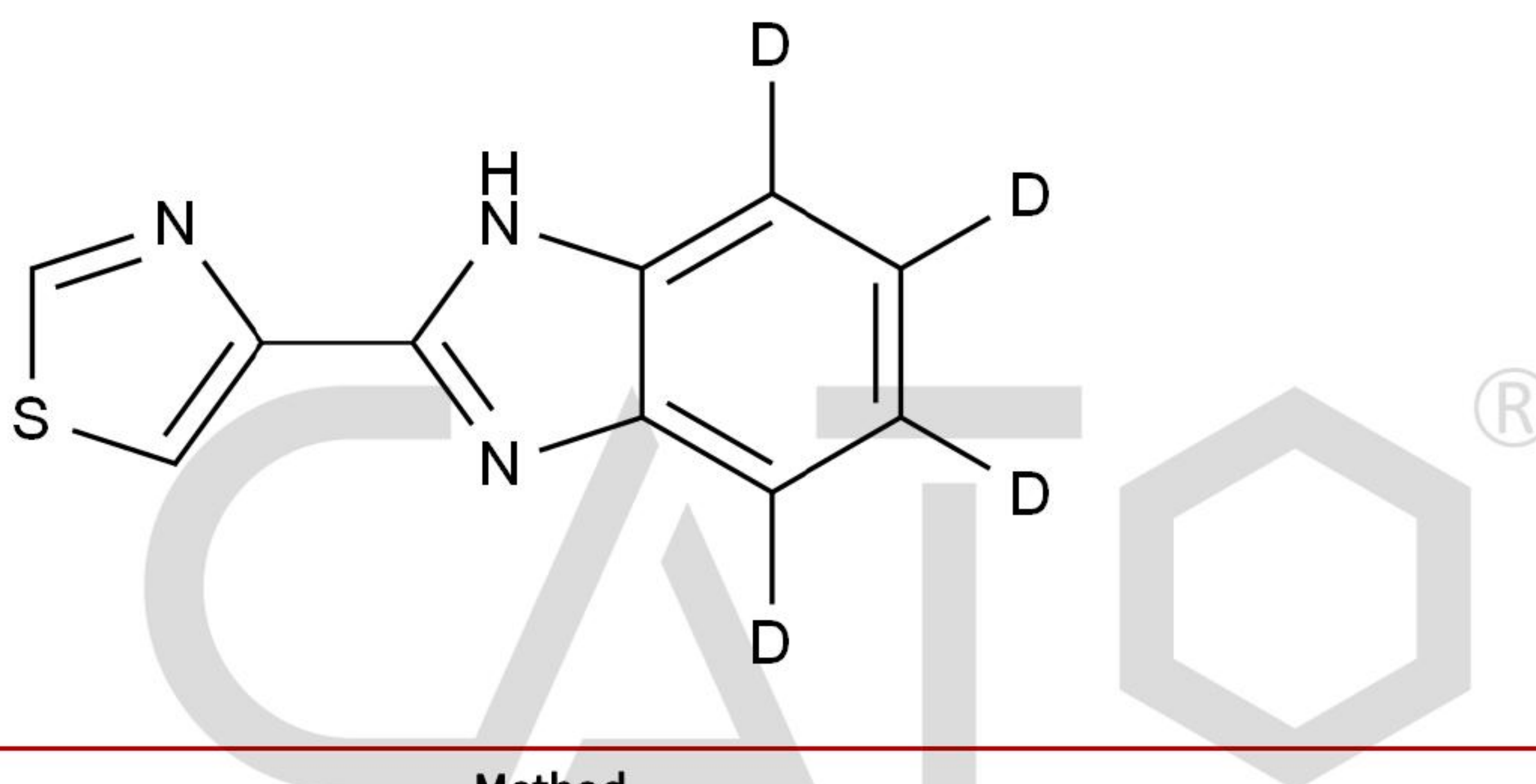


# Certificate of Analysis

## Reference Material & Standard

|                    |                  |                   |                                           |
|--------------------|------------------|-------------------|-------------------------------------------|
| Product Name:      | Thiabendazole-d4 | Catalogue Number: | CCPD101686                                |
| Synonyms:          | N/A              | Lot Number:       | 1125-RF-0078                              |
| CAS Number:        | 1190007-20-5     | Expiry Date:      | Oct 29, 2027                              |
| Molecular Formula: | C10H3D4N3S       | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 205.27           |                   |                                           |

Chemical Structure:



| Test Items      | Method            | Results           |
|-----------------|-------------------|-------------------|
| Appearance      | Visual inspection | Pale Yellow Solid |
| Identification  | LCMS&HNMR         | Confirmed         |
| Chemical Purity | HPLC              | 100.0%            |
| Isotopic Purity |                   | 100.0%            |
| Uncertainty     |                   | ±2.0%             |

## Comment:

1. No chromatogram available.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

## Signature:

Prepared by:

*Lisa*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Nov 27, 2024

Date: Nov 27, 2024

Date: Nov 27, 2024

