

## Technical Data Sheet

### BRASSININ

#### Compound Information

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Product Name:      | BRASSININ                                                     |
| CAS No.:           | 105748-59-2                                                   |
| Molecular Formula: | C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> S <sub>2</sub> |
| Molecular Weight:  | 236.36                                                        |
| Storage:           | -20°C, protect from light                                     |
| Revision Date:     | 2026-04-15                                                    |

#### Analytical Information

| Tests                  | Specifications                                                                                                                                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description            | Brassinin is a phytoalexin isolated from cruciferous vegetables that exhibits anticancer, chemopreventive, antiproliferative and antifungal activities. |
| Form                   | Solid                                                                                                                                                   |
| Color                  | Off-White to Pale Yellow                                                                                                                                |
| Solubility             | Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly, Heated)                                                                                     |
| Purity (UHPLC)         | ≥ 98.0%                                                                                                                                                 |
| <a href="#">1H NMR</a> | Pass test                                                                                                                                               |

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