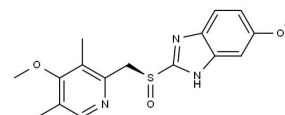


## Technical Data Sheet

### Esomeprazole

#### Compound Information

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| <b>Product Name:</b>      | Esomeprazole                                                    |
| <b>CAS No.:</b>           | 119141-88-7                                                     |
| <b>Molecular Formula:</b> | C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>3</sub> S |
| <b>Molecular Weight:</b>  | 345.42                                                          |
| <b>Revision Date:</b>     | 2026-04-15                                                      |



#### Analytical Information

| Tests                  | Specifications                                                           |
|------------------------|--------------------------------------------------------------------------|
| Native Source          | Synthetic                                                                |
| Appearance             | Brown to reddish brown Solid                                             |
| Isotopic Purity        | >95%                                                                     |
| Purity (TLC)           | 96%                                                                      |
| Elemental Analysis     | %C: 53.49, %H: 4.50, %N: 10.84                                           |
| Solubility             | DMF: 30 mg/ml, DMSO: 20 mg/ml, Ethanol: 10 mg/ml, PBS (pH 7.2): 10 mg/ml |
| <a href="#">1H NMR</a> | Pass test                                                                |

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