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## Product Datasheet

### Ryanodine (high purity), CAS [[15662-33-6]] ENZ-ALX-630-062-M001

|                            |                                                                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Ryanodine (high purity), CAS [[15662-33-6]]                                                                                                                                                                                                                                                                   |
| Biozol Catalog Number      | ENZ-ALX-630-062-M001                                                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | ALX-630-062-M001                                                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | ENZ-ALX-630-062-M001-1                                                                                                                                                                                                                                                                                        |
| Manufacturer               | Enzo Life Sciences                                                                                                                                                                                                                                                                                            |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                |
| Product Description        | Induces the release of intracellular Ca <sup>2+</sup> . Ryanodine receptors mediate adenine nucleotide, Ca <sup>2+</sup> and caffeine-sensitive release of Ca <sup>2+</sup> from sarcoplasmic reticulum of cardiac and skeletal muscle and may also mediate intracellular Ca <sup>2+</sup> release in neur... |
| Molecular Weight           | 493.5                                                                                                                                                                                                                                                                                                         |
| Source                     | Isolated from <i>Ryania speciosa</i> , Flacourtiaceae.                                                                                                                                                                                                                                                        |
| Purity                     | 99% (HPLC)                                                                                                                                                                                                                                                                                                    |
| CAS Number                 | [15662-33-6]                                                                                                                                                                                                                                                                                                  |
| Formula                    | C <sub>25</sub> H <sub>35</sub> N <sub>9</sub> O <sub>9</sub>                                                                                                                                                                                                                                                 |
| Target                     | Calcium channel                                                                                                                                                                                                                                                                                               |