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## Product Datasheet

### **Penitrem A, CAS [[12627-35-9]]** **ENZ-BML-KC157-0001**

|                            |                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Penitrem A, CAS [[12627-35-9]]                                                                                                                                                                                                                                                         |
| Biozol Catalog Number      | ENZ-BML-KC157-0001                                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | BML-KC157-0001                                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | ENZ-BML-KC157-0001-1                                                                                                                                                                                                                                                                   |
| Manufacturer               | Enzo Life Sciences                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                         |
| Product Description        | Fungal mycotoxin. Selective, irreversible blocker of the smooth muscle high conductance Ca <sup>2+</sup> -activated K <sup>+</sup> (maxi-K) channel (100% block at 10 nM). Increases spontaneous release of GABA and aspartate from cerebrocortical synaptosomes in rat neuromuscul... |
| Molecular Weight           | 634.2                                                                                                                                                                                                                                                                                  |
| Purity                     | 95% (HPLC, TLC)                                                                                                                                                                                                                                                                        |
| CAS Number                 | [12627-35-9]                                                                                                                                                                                                                                                                           |
| Formula                    | C <sub>37</sub> H <sub>44</sub> ClNO <sub>6</sub>                                                                                                                                                                                                                                      |
| Target                     | Calcium-activated potassium channel                                                                                                                                                                                                                                                    |