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## Product Datasheet

### Ampicillin Trihydrate, CAS [[7177-48-2]] AMO-M2391

|                            |                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Ampicillin Trihydrate, CAS [[7177-48-2]]                                                                                                                                                                              |
| Biozol Catalog Number      | AMO-M2391                                                                                                                                                                                                             |
| Supplier Catalog Number    | M2391                                                                                                                                                                                                                 |
| Alternative Catalog Number | AMO-M2391-100MG, AMO-M2391-200MG, AMO-M2391-500MG, AMO-M2391-1G                                                                                                                                                       |
| Manufacturer               | Abmole Bioscience                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                        |
| Product Description        | Ampicillin Trihydrate is a beta-lactam antibiotic, which inhibits bacterial cell-wall synthesis (peptidoglycan cross-linking) by inactivating transpeptidases on the inner surface of the bacterial cell membrane.... |
| Molecular Weight           | 403.45                                                                                                                                                                                                                |
| Purity                     | >900 mcg/mg, BR                                                                                                                                                                                                       |
| CAS Number                 | [7177-48-2]                                                                                                                                                                                                           |
| Formula                    | C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub> S.3H <sub>2</sub> O                                                                                                                                     |
| Target                     | Antibiotic                                                                                                                                                                                                            |