



*B. licheniformis* TAB7 was first isolated from composting livestock material and was subsequently marketed as compost-deodorizing agent. The strain also showed to have potential in degrading phenolic compounds (Mpofu *et al.*, 2020) and agrochemicals. Here, we discovered the strain's ability to transform azoxystrobin (AZ), a widely used fungicide, into novel metabolites, (*E*)-azoxystrobin amine, (*Z*)-azoxystrobin amine and (*Z*)-AZ, which the former also has lower toxicity than AZ. While the AZ-transformation pathway employed by TAB7 remains elusive, these findings expand our knowledge on AZ-degrading strains and their transformation products.

Mpofu E, Alias A, Tomita K, Suzuki-Minakuchi C, Tomita K, Chakraborty J, Malon M, Ogura Y, Takikawa H, Okada K, Kimura T, Nojiri H. Azoxystrobin amine: A novel azoxystrobin degradation product from *Bacillus licheniformis* strain TAB7. *Chemosphere*. 2021 Jan 18;273:129663. doi: 10.1016/j.chemosphere.2021.129663. Epub ahead of print. PMID: 33515965.

<https://www.sciencedirect.com/science/article/pii/S0045653521001326?dgcid=coauthor>