
DIMBOA

产品编号: D60426

CAS: 15893-52-4

分子式: C₉H₉NO₅

纯度: 96%

InChi Key: InChIKey=GDNZNIJPBQATCZ-UHFFFAOYSA-N

Smiles: O=C1C(O)OC2=CC(OC)=CC=C2N1O

外观: 固体粉末

作用通路: Microbiology/Virology

作用靶点: Bacterial; Fungal; Antibiotic

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: DIMBOA, an antibiotic, is a benzoxazinoid, part of the chemical defense system of graminaceous plants such as maize, wheat, and rye. DIMBOA possess growth inhibitory properties against many strains of studied bacteria and fungi, such as *Staphylococcus aureus*, *Escherichia coli* as well as against *Saccharomyces cerevisiae*. DIMBOA exhibits a potent free-radical scavenging activity and a weaker iron (III) ions reducing activity. Antioxidant activity