
Product Name	: Maleic acid
Synonyms	: —
Cat No.	: M19545
CAS Number	: 110-16-7
Molecular Formula	: C ₄ H ₄ O ₄
Formula Weight	: 116.07
Chemical Name	: —
Description	: Maleic Acid is a Glutamate Decarboxylase (GAD) inhibitor of E. coli and L. monocytogenes.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: Glutamate Decarboxylase
Solubility	: DMSO: 10 mM; Water: Soluble
SMILES	: <chem>OC(=O)C=C/C(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Fonda ML et al. Glutamate decarboxylase. Substrate specificity and inhibition by carboxylic acids. Biochemistry. 1972 Mar 28;11(7):1304-9.