

Product Name : 3-(2-Hydroxyphenyl)propionic acid

Synonyms : —

Cat No. : M19688

CAS Number : 495-78-3

Molecular Formula : C9H10O3

Formula Weight : 166.17

Chemical Name : —

Description : 3-(2-Hydroxyphenyl)propanoic acid also known as melilotic acid or melilotate. Within the cell 3-(2-hydroxyphenyl)propanoic acid is primarily located in the cytoplasm. 3-(2-Hydroxyphenyl)propanoic acid can be biosynthesized from propionic acid. Outside of the human body 3-(2-hydroxyphenyl)propanoic acid can be found in a number of food items such as herbs and spices red beetroot chinese cinnamon and bilberry. This makes 3-(2-hydroxyphenyl)propanoic acid a potential biomarker for the consumption of these food products.

Pathway : Proteasome/Ubiquitin

Target : Endogenous Metabolite

Receptor : Human Endogenous Metabolite

Solubility : DMSO:10 mM

SMILES : OC(=O)CCc1ccccc1O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Sinha R Ahn J Sampson J N et al. Fecal Microbiota Fecal Metabolome and Colorectal Cancer Interrelations[J]. PLOS ONE 2016 11(3):e0152126.