

Product Name : Fumaric acid

Synonyms : Fumaric acid; Kyselina fumarova; Lichenic acid

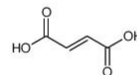
Cat No. : M17809

CAS Number : 110-17-8

Molecular Formula : C₄H₄O₄

Formula Weight : 116.1

Chemical Name : 2-Butenedioic acid (2E)-



Description : Fumaric acid is a dicarboxylic acid. It is a oncometabolite or an endogenous, cancer causing metabolite. High levels of this organic acid can be found in tumors or biofluids surrounding tumors. Its oncogenic action appears to due to its ability to inhibit prolyl hydroxylase-containing enzymes.

Pathway : Endocrinology/Hormones

Target : THR

Receptor : Others

Solubility : —

SMILES : C(=C/C(=O)O)\C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Chen X, et al. Fumaric acid production by *Torulopsis glabrata*: engineering the urea cycle and the purine nucleotide cycle. *Biotechnol Bioeng.* 2015 Jan;112(1):156-67.