

Product Name : L-Canavanine sulfate

Synonyms : —

Cat No. : M20417

CAS Number : 2219-31-0

Molecular Formula : C₅H₁₄N₄O₇S

Formula Weight : 274.25

Chemical Name : L-Homoserine O-((aminoiminomethyl)amino)- sulfate (1:1)

Description : L-Canavanine sulfate is a selective inhibitor of inducible?NO synthase.

Pathway : NF-κB

Target : NOD

Receptor : NO synthesis

Solubility : H₂O:100 mg/mL (364.63 mM; Need ultrasonic and warming)

SMILES : OS(O)(=O)=O.N[C@@H](CCONC(N)=N)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Nurcahyanti A D R Wink M . Cytotoxic potentiation of vinblastine and paclitaxel by L-canavanine in human cervical cancer and hepatocellular carcinoma cells[J].
Phytomedicine 2015 22(14):S0944711315003190.

