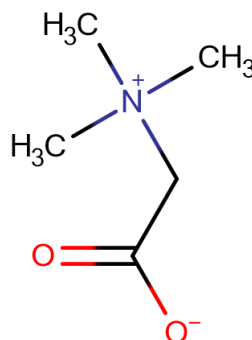


Product Name : Betaine
Synonyms : Glycine Betaine; N,N,N-Trimethylglycine
Cat No. : M10307
CAS Number : 107-43-7
Molecular Formula : C₅H₁₁NO₂
Formula Weight : 117.15



Chemical Name : Methanaminium, 1-carboxy-N,N,N-trimethyl-, hydroxide, inner salt
Description : Betaine is also known as trimethylamine, and is the quaternary ammonium derivatives of glycine and a class of N-methyl-compound or trimethyl inner salt after the hydrogen of the amino group being substituted by the methyl group.
Pathway : Others
Target : Other Targets
Receptor : Others
Solubility : Methanol: 0.1g/mL; Water 160 g/100 mL
SMILES : C[N+](C)(C)CC([O-])=O
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1.Kim DH, et al. Effect of betaine on hepatic insulin resistance through FOXO1-induced NLRP3 inflammasome. J Nutr Biochem. 2017 Apr 22;45:104-114.