

Product Name	: L-Carnosine
Synonyms	: Kamosin;beta-Alanyl-L-histidine
Cat No.	: M19591
CAS Number	: 305-84-0
Molecular Formula	: C ₉ H ₁₄ N ₄ O ₃
Formula Weight	: 226.23
Chemical Name	: (3-aminopropanoyl)-L-histidine
Description	: L-Carnosine is is an antioxidant naturally found in skeletal muscle brain tissue. It has the potential to suppress many of the biochemical changes that accompany aging.
Pathway	: Others
Target	: Antioxidant
Receptor	: Antioxidant
Solubility	: H ₂ O: 125 mg/mL (552.54 mM; Need ultrasonic)
SMILES	: <chem>NCCCC(=O)N[C@@H](Cc1cnc[nH]1)C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Hipkiss AR et al. Would carnosine or a camivorous diet help suppress aging and associated pathologies Ann N Y Acad Sci. 2006 May;1067:369-74.