

Product Name	: Aspartic acid (calcium)
Synonyms	: Calcium L-aspartate
Cat No.	: M21417
CAS Number	: 10389-09-0
Molecular Formula	: C ₄ H ₅ CaNO ₄
Formula Weight	: 171.16
Chemical Name	: —
Description	: Aspartic acid calcium (Calcium L-aspartate) is a chelate where calcium is attached to an amino acid naming L-Aspartic acid which is an amino acid and serves as a building block for proteins in the body.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: H ₂ O: 100 mg/mL (584.25 mM)
SMILES	: <chem>C([C@@H](C(=O)[O-])N)C(=O)[O-].[Ca+2]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Mu'azu ND et al. Polyaspartate extraction of cadmium ions from contaminated soil: Evaluation and optimization using central composite design. J Hazard Mater. 2017 Aug 8;342:58-68.