

Product Name: 3-Nitro-L-tyrosine, 98%, Thermo Scientific Chemicals
Catalog Number: A11018.06

CAS Number: 621-44-3
IUPAC Name: (2S)-2-amino-3-(4-hydroxy-3-nitrophenyl)propanoic acid
Molecular Formula: C₉H₁₀N₂O₅
Molecular Weight: 226.19
MDL Number: MFCD00007123
InChI Key: FBTSQILOGYXGMD-MDOHGIEYNA-N
SMILES: N[C@@H](CC1=CC=C(O)C(=C1)[N+](=[O-])C(O)=O
Synonym: nitrotyrosine

Product Specification

Appearance (Color): Yellow
Form: Powder
Assay (Non-aqueous acid-base Titration): ≥97.5 to ≤102.5% (non-U.S. sourced material)
Assay from Supplier's CofA: ≥97.5% (HPLC, U.S. sourced material)
Identification (FTIR): Conforms (UK sourced material)
Infrared spectrum: Conforms (U.S. sourced material)
Optical Rotation: 4.0 ± 0.5° (c=1, 1M HCl, non-U.S. sourced material)

Date Of Print: 04/23/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.