

Trypsin Substrate Peptide

Subcategory: Substrate Peptide, Synthetic Peptide

Cat. No.: 350577

Unit: 5 mg

Description:

This peptide is a fluorogenic substrate for trypsin, a peptidase S1 family members that cleaves at Arg-Xaa and Lys-Xaa sites within proteins. The peptide is labeled with rhodamine 110, a highly fluorescent dye upon substrate cleavage (Abs/Em = 497/520 nm).

Format: Each vial contains 5 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Trypsin-1; Trypsin I; Cationic trypsinogen; Serine protease 1; PRSS1; TRP1; TRY1; TRYP1

Accession No.: P07477

MW: 1126.0 g/mol

Sequence: (Z-Ala-Arg)₂-R110

Composition: C₅₄H₆₂Cl₂N₁₂O₁₁

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.