

IYPTNGYTR acetate

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	IYPTNGYTR acetate, a deamidation-sensitive peptide derived from Trastuzumab, is a suitable tool for monitoring the metabolism of Trastuzumab in vivo [1].
In vitro	IYPTNGYTR undergoes deamidation at pH levels of 7.5 and higher, experiencing an increased rate of deamidation as the pH value rises[1].

Solubility Information

Solubility	H2O: 125 mg/mL (109.24 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Bults P, et, al. LC-MS/MS-Based Monitoring of In Vivo Protein Biotransformation: Quantitative Determination of Trastuzumab and Its Deamidation Products in Human Plasma. Anal Chem. 2016 Feb 2;88(3):1871-7.

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