FTISADTSK acetate

Cat. No.: HY-P3146A

Molecular Formula: $C_{44}H_{72}N_{10}O_{18}$

Molecular Weight: 1029.1

Sequence Shortening: FTISADTSK

Target: Drug Metabolite

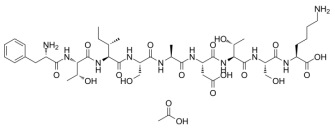
Pathway: Metabolic Enzyme/Protease

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 50 mg/mL (48.59 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	0.9717 mL	4.8586 mL	9.7172 mL
	5 mM	0.1943 mL	0.9717 mL	1.9434 mL
	10 mM	0.0972 mL	0.4859 mL	0.9717 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

FTISADTSK acetate is an endogenous stable signature peptide from Trastuzumab monitored by selected reaction monitoring (SRM)[1].

REFERENCES

[1]. 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;88(3):1871-1877.

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