

Tyrosinleutide TFA (138168-48-6 free base)

Chemical Properties

CAS No. :

Formula: C₂₀H₂₈F₃N₃O₈

Molecular Weight: 495.45

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Tyrosinleutide TFA, isolated from the degradation products of porcine spleen, is a small molecular tripeptide which inhibits tumor growth both in vitro and in vivo.
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Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0184 mL	10.0918 mL	20.1837 mL
5 mM	0.4037 mL	2.0184 mL	4.0367 mL
10 mM	0.2018 mL	1.0092 mL	2.0184 mL
50 mM	0.0404 mL	0.2018 mL	0.4037 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wang C, et al. Studies on the large scale synthesis and anti-tumor activity of YSL. Prep Biochem Biotechnol. 2003 Aug;33(3):189-95.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481