

IRBP(668-687) (TFA) (1977546-93-2 free base)

Chemical Properties

CAS No. :

Formula: C₉₃H₁₅₂F₃N₂₅O₃₄

Molecular Weight: 2221.34

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	Interphotoreceptor retinoid-binding protein(668-687) TFA is the 668-687 amino acid residue of human Interphotoreceptor retinoid binding protein(IRBP), which can induce uveitis.
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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	0.4502 mL	2.2509 mL	4.5018 mL
5 mM	0.090 mL	0.4502 mL	0.9004 mL
10 mM	0.045 mL	0.2251 mL	0.4502 mL
50 mM	0.009 mL	0.045 mL	0.090 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

Mattapallil MJ, et al. Characterization of a New Epitope of IRBP That Induces Moderate to Severe Uveoretinitis in Mice With H-2b Haplotype. Invest Ophthalmol Vis Sci. 2015 Aug;56(9):5439-49.

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