

IRBP acetate(211426-18-5 free base)

Chemical Properties

CAS No. :

Formula: C105H161N25O31

Molecular Weight: 2269.55

Appearance: no data available

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

Ser-Gly-Ile-Pro-Tyr-Ile-Ile-Ser-
Tyr-Leu-His-Pro-Gly-Asn-Thr-
Ile-Leu-His-Val-Asp(acetate salt)

Biological Description

Description	IRBP acetate(211426-18-5 free base) (Interphotoreceptor Retinoid Binding Protein Fragment IRBP) is a 20-residue peptide, which is a major pathogenic epitope. It exists in the first homologous repeat of interstitial visual pigment Binding Protein peptide (IRBP 161-180) and can induce post-uveitis (EAU).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2.5 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4406 mL	2.2031 mL	4.4062 mL
5 mM	0.0881 mL	0.4406 mL	0.8812 mL
10 mM	0.0441 mL	0.2203 mL	0.4406 mL
50 mM	0.0088 mL	0.0441 mL	0.0881 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.

Reference

Tang J, et al. Autoimmune uveitis elicited with antigen-pulsed dendritic cells has a distinct clinical signature and is driven by unique effector mechanisms: initial encounter with autoantigen defines disease phenotype. J Immunol.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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