

Certificate of Analysis

Catalog Number	BP15132
Product Name	Lyn peptide inhibitor acetate

Physical and Chemical Properties

Synonyms	Lyn peptide inhibitor acetate(222018-18-0 free base)
Chemical Formula	C ₁₁₇ H ₁₈₈ N ₃₀ O ₂₆
Molecular Weight	2430.98
Solubility	DMSO: Insoluble H ₂ O: 5 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Lyn peptide inhibitor acetate is a potent and cell-permeable inhibitor of Lyn-coupled IL-5 receptor signaling pathway, while keeping other signals intact. Lyn peptide inhibitor blocks Lyn activation and inhibits the binding of Lyn tyrosine kinase to β c subunit of IL-3/GM-CSF/IL-5 receptors. Lyn peptide inhibitor can be used for study of asthma, allergic, and other eosinophilic disorders.
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Analytical Data

HPLC	Shows Min >99% purity
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H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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Purdue Bioscience Inc.