


Certificate of Analysis

Catalog Number	BP22281
Product Name	9,9'-Di-O-(E)-feruloylsecoisolariciresinol

Physical and Chemical Properties

CAS No.	56973-66-1
Chemical Formula	C ₄₀ H ₄₂ O ₁₂
Molecular Weight	714.8
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	1,4-O-Diferuloylsecoisolariciresinol(9,9'-Di-O-(E)-feruloylsecoisolariciresinol),and pierreione B, two novel inhibitors of mTOR signaling, have strong anticancer activity. (+)-9,9'-O-Diferuloylsecoisolariciresinol has significant cytotoxic activity against the DU145, LNCaP, and A549 cell lines.
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Analytical Data

HPLC	Shows Min >99% purity
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.