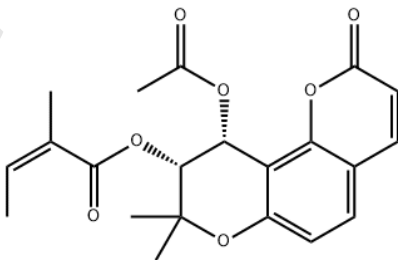


Certificate of Analysis

Catalog Number	BP14942
Product Name	(-)-Praeruptorin A

Physical and Chemical Properties

CAS No.	14017-71-1
Chemical Formula	C ₂₁ H ₂₂ O ₇
Molecular Weight	386.39
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	<p>(-)-Praeruptorin A has anti-inflammatory, anti-contractile and anti-hyperplasia activities, it exerts distinct relaxant effects on isolated rat aorta rings dependent on endothelium and nitric oxide synthesis; it also can significantly suppress airway inflammation and airway remodeling induced by ovalbumin challenge, and is a potential candidate for the treatment of asthma. (-)-Praeruptorin A resensitizes Pgp-mediated MDR (Pgp-MDR) cancer cells to cancer drugs.</p>
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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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