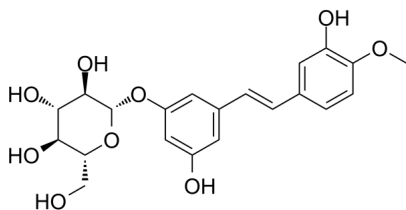


Certificate of Analysis

Catalog Number	BP10648
Product Name	Rhapontin

Physical and Chemical Properties

Synonyms	Rhaponticin, Rhapontigenin glucoside, Ponticin, Rhaponiticin
CAS No.	155-58-8
Chemical Formula	C ₂₁ H ₂₄ O ₉
Molecular Weight	420.414
Solubility	Pyridine, Methanol, etc.: Soluble Ethanol: SolubL; EDMSO: 76 mg/mL(180.8 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	1. Rhaponticin(Rhapontigenin) can alleviate liver steatosis and improve blood glucose and lipid profiles in KK/Ay diabetic mice, indicates that rhaponticin has a noticeable antidiabetic effect and could be potentially used as a new agent to treat type 2 diabetes mellitus and its complications.
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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.

Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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