

標準糖鎖カタログ

Standard PA-Sugar Chain Catalogue

2009年

増田化学工業株式会社

Masuda Chemical Industries Co., LTD.

<http://www.mc-ind.co.jp>

はじめに Introduction

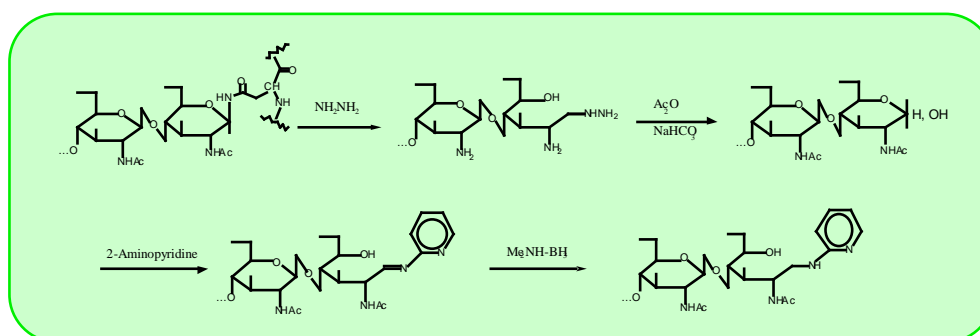
弊社ではこの度、無水ヒドラジンの取扱技術を活かしタンパク質より糖鎖を切り出し供給する事となりました。糖鎖切り出し精製技術は香川大学総合生命科学実験センター糖鎖機能解析研究部門との共同研究によるものです。現在約50種類のピリジルアミノ(PA)化されたコア糖鎖の精製品を得ております。また、ヒドラジン分解のスケールアップにより大量合成の方法を開発中です。

Our company has just started service to cut out sugar chains from protein and supply them to users by utilizing the handling technology of anhydrous hydrazine. This protein deglycosylation purification technology has reached completion through the joint research with the Department of Functional Glycomics, Life Science Research Center, Kagawa University.

At present, approximately 50 kinds of the purified products of core sugar chains after pyridylation (PA) have been obtained. In addition, a mass production process through the scale-up of hydrazinolysis is under development.

タンパク質のC末端アミノ酸決定法として開発されたタンパク質のヒドラジン分解法は数々の改良が加えられ糖タンパク質から定量的に糖鎖を切り出す方法としても広く利用されております。

The hydrazinolysis method, which was developed as a C-terminal amino acid determination method of protein, has widely been utilized after various improvements as a quantitative method to cut out sugar chains.



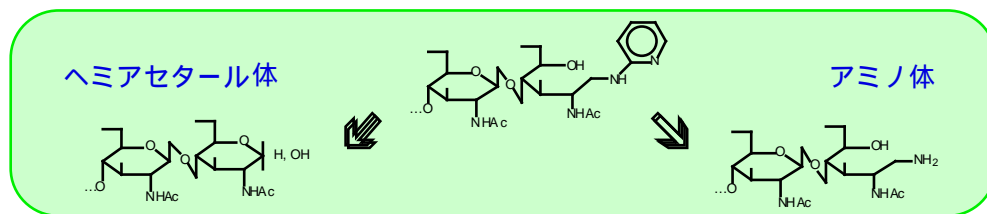
弊社では香川大学総合生命科学実験センター糖鎖機能解析研究部門との共同研究による糖鎖切り出し技術を用いて豊富な標準糖鎖を提供致します。

Our company can supply abundant standard sugar chains using the protein deglycosylation technology developed by the joint research with the Department of Functional Glycomics, Life Science Research Center, Kagawa University.

(2) 反応性基を持った糖鎖の供給 Supply Service of Sugar Chains with Reactive Groups

標準糖鎖のPA末端を還元し反応性基を有するアミノ体またはヘミアセタール体として供給する事も可能です。

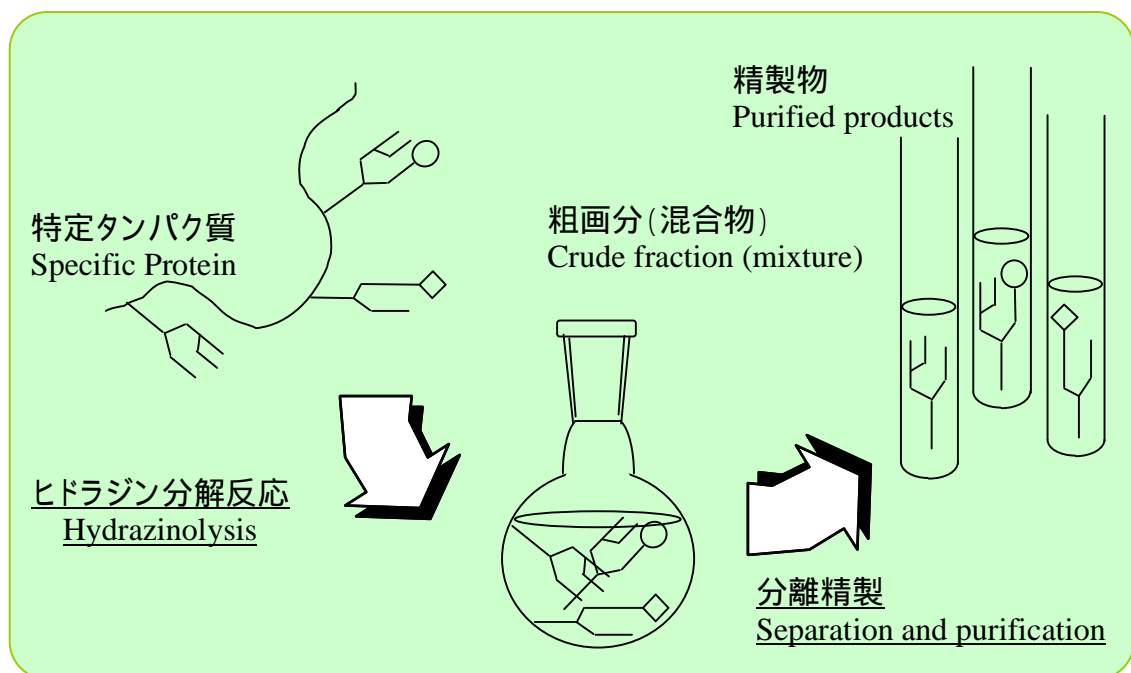
Our company can also supply amino compounds or hemiacetal compounds with reactive groups through the reduction of the PA terminals of standard sugar chains.



(3) ヒドラジン分解物の供給 Supply Service of Hydrazinolysed Products

特定タンパク質、供給タンパク質を弊社にてヒドラジン分解し、粗画分、粗製分、精製品として供給する作業もご相談を承ります。

Our company conducts a consultation for the work to apply hydrazinolysis to specific proteins or entrusted proteins in our facilities and supply the generated crude fractions, crude products, or purified products.



(4) 標準糖鎖カタログ Catalogue for Standard Sugar Chains

価格・納期はご相談下さい。大量供給もご相談下さい。
本標準糖鎖はin vitro 研究のみでご使用になれます。
商業目的でご利用される場合は別途契約が必要です。

Prices and delivery date are based on a consultation.

Mass supply is also upon consultation.

These standard sugar chains can be used for in vitro research only.

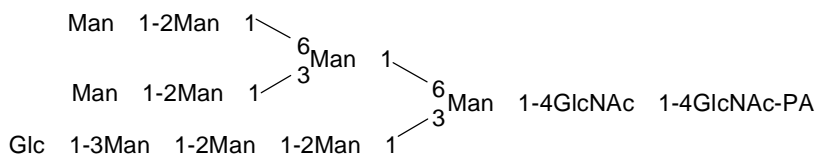
A separate contract is necessary for the purpose of commercial use.

PA- 001

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

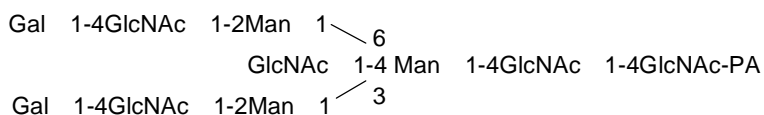


PA- 002

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

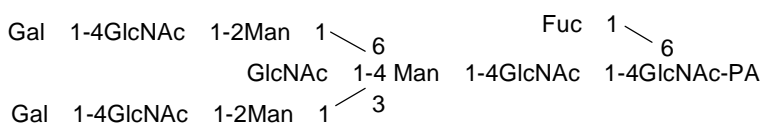


PA- 003

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

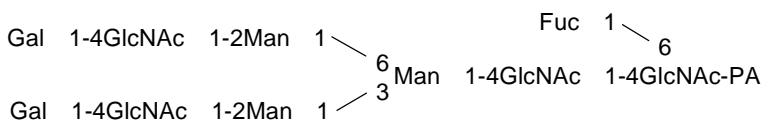


PA- 004

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

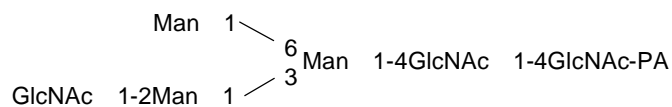


PA- 005

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

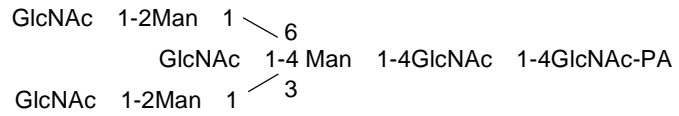


PA-006

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

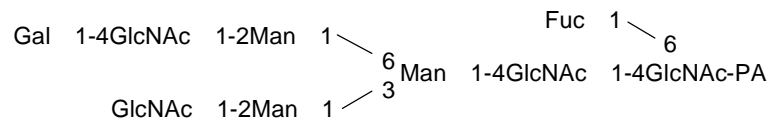


PA-008

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

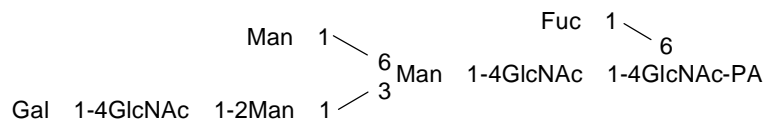


PA-009

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

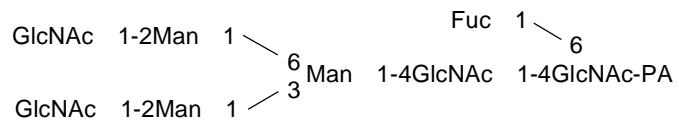


PA-010

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

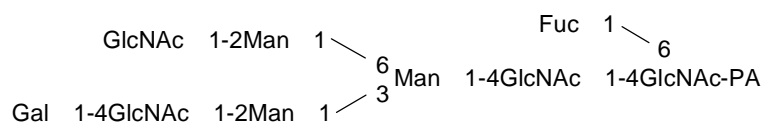


PA-011

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

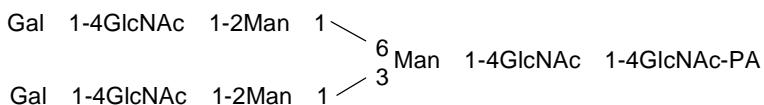


PA- 012

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 10,000

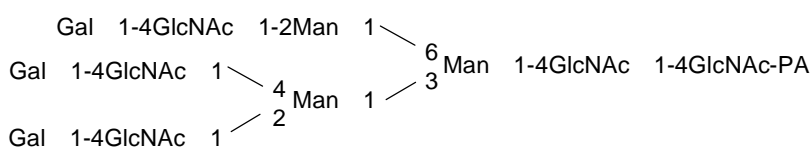


PA- 013

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 10,000

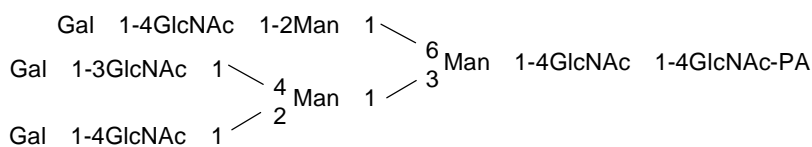


PA- 014

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 10,000

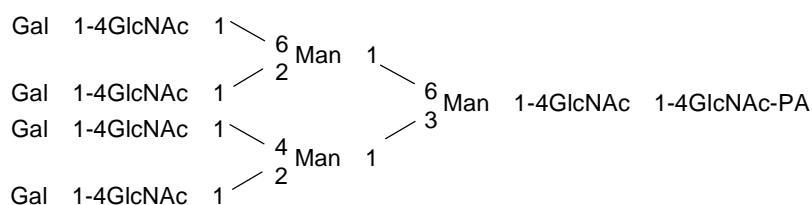


PA- 015

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 30,000

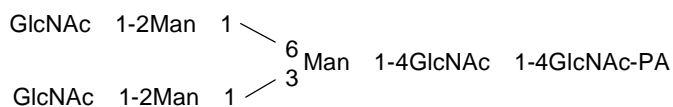


PA- 020

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 10,000

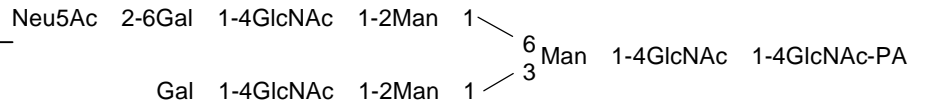


PA-024

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

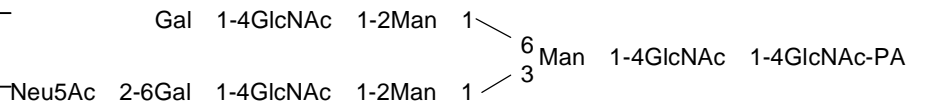


PA-025

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

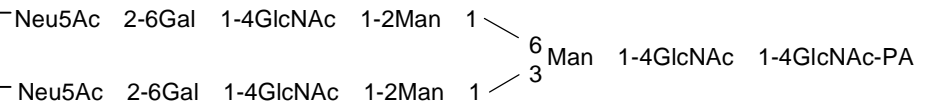


PA-026

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000



PA-029

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

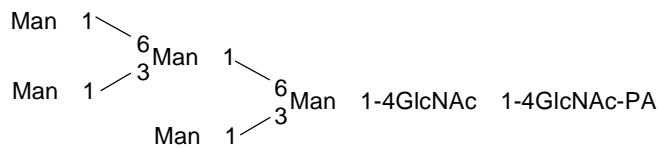


PA-030

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

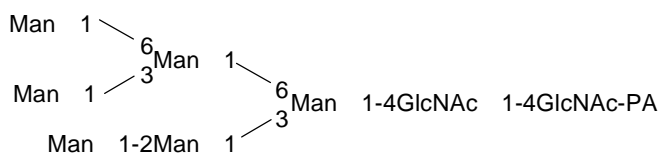


PA-031

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

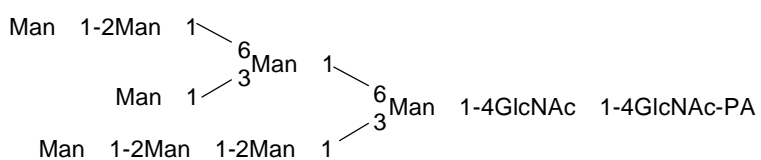


PA-032

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

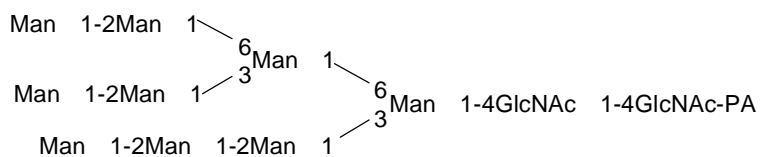


PA-033

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

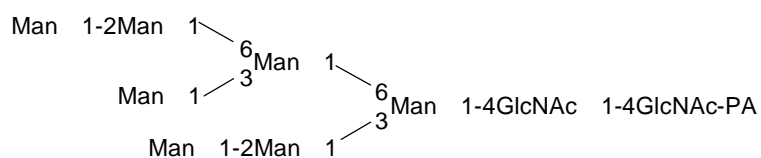


PA-035

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

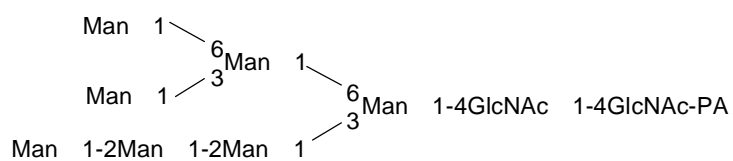


PA-036

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

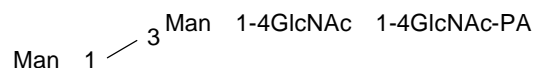


PA-041

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

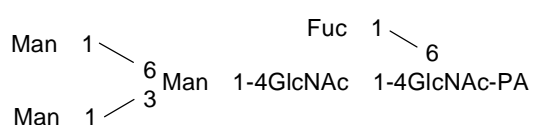


PA-042

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

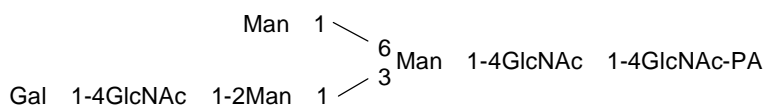


PA-043

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

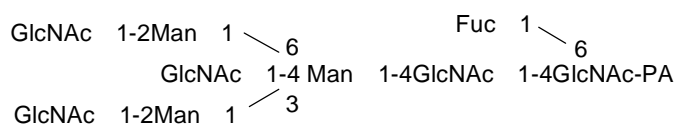


PA-044

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

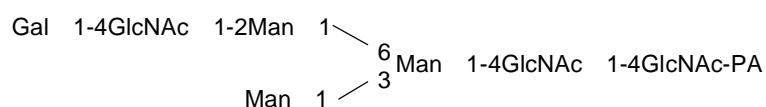


PA-045

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

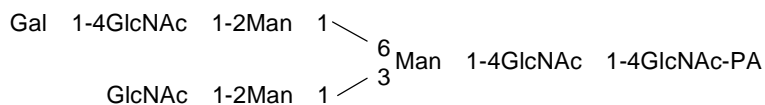


PA- 046

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

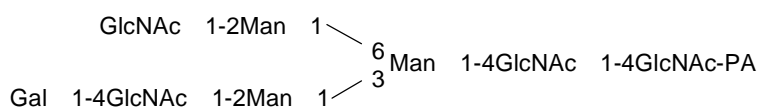


PA- 047

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

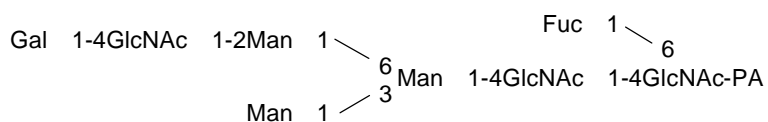


PA- 048

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000



PA- 049

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

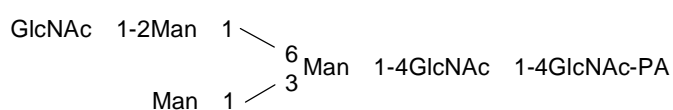


PA- 050

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

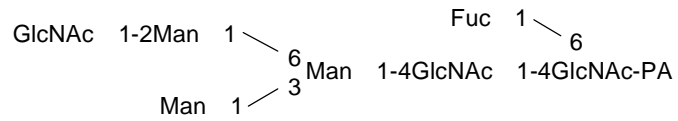


PA- 051

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

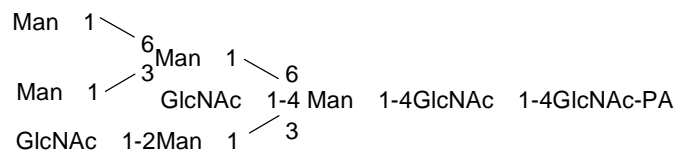


PA- 055

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 10,000

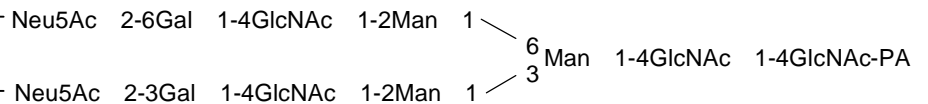


PA- 057

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

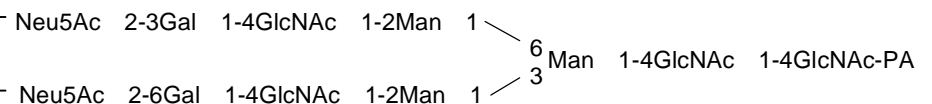


PA- 058

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

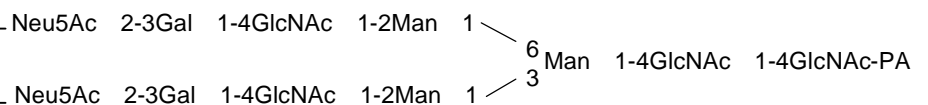


PA- 059

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

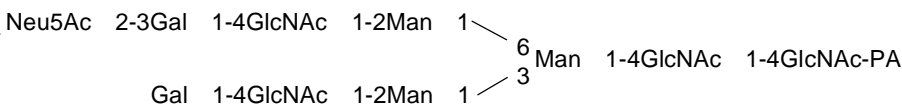


PA- 060

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

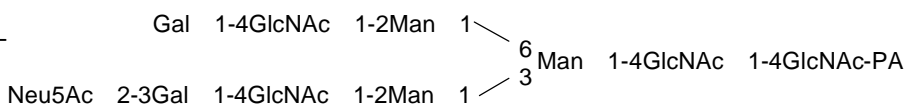


PA- 061

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

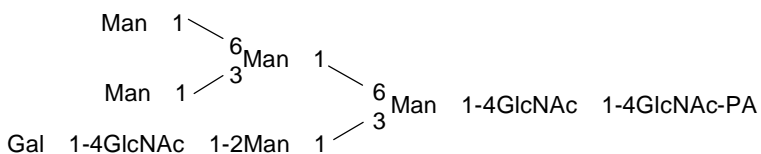


PA- 066

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

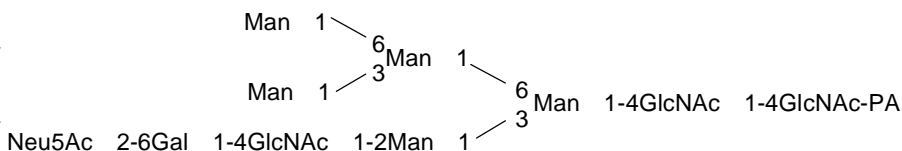


PA- 067

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

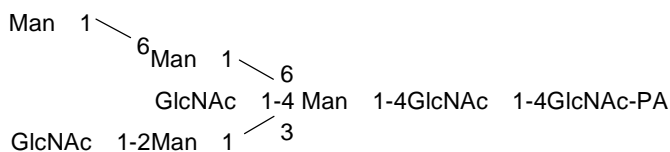


PA- 068

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

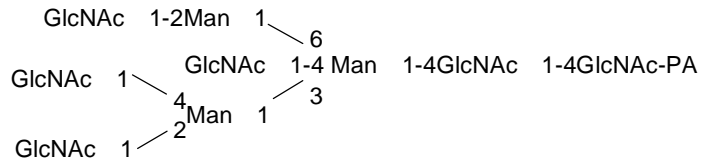


PA-056

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 10,000

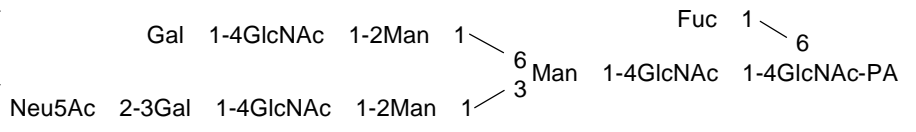


PA-062

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 50,000

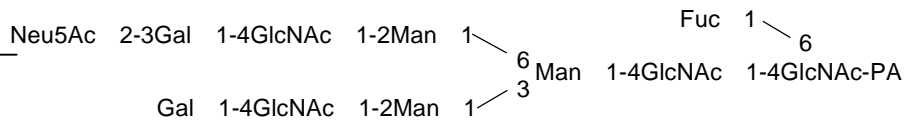


PA-063

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 50,000

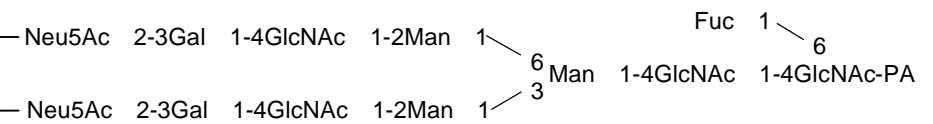


PA-083

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 30,000

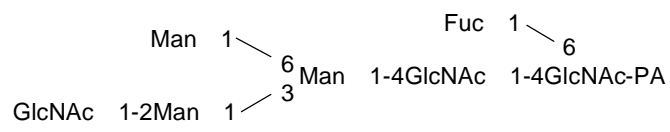


PA-075

数量 : 100 pmol

纯度 : 95%+ (HPLC)

¥ 30,000

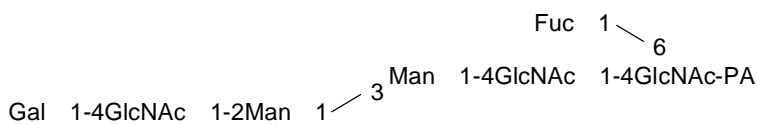


PA-076

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

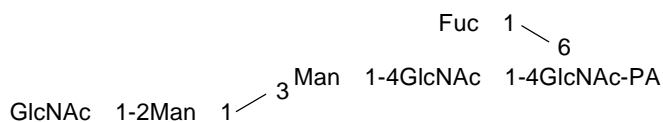


PA-077

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

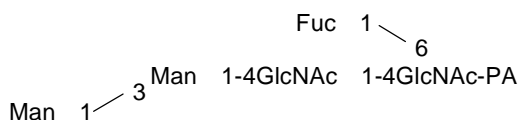


PA-078

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

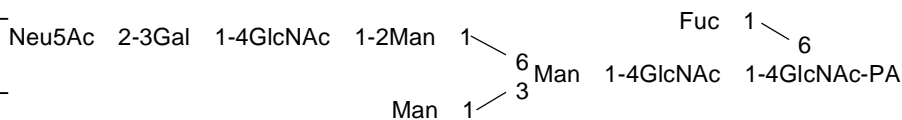


PA-505

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

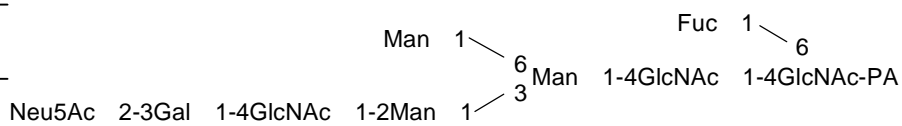


PA-507

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

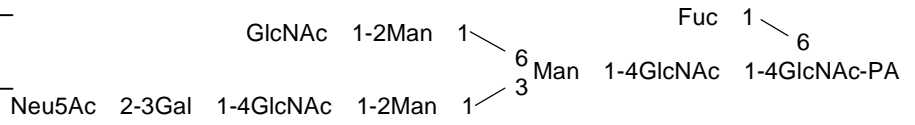


PA-508

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

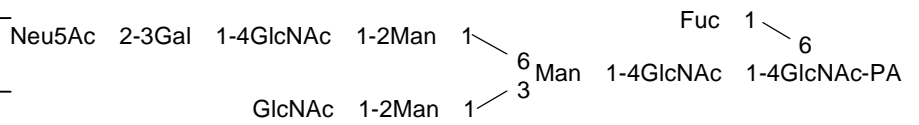


PA-514

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

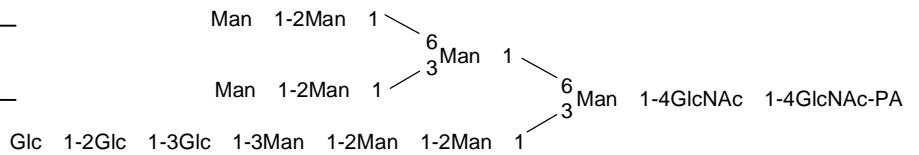


PA-541

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 50,000

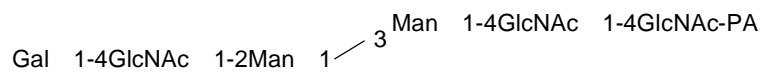


PA-084

数量 : 100 pmol

純度 : 95%+ (HPLC)

¥ 30,000

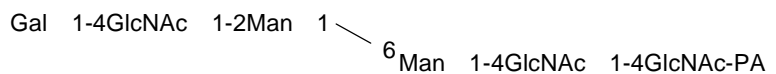


PA-085

数量 : 100 pmol

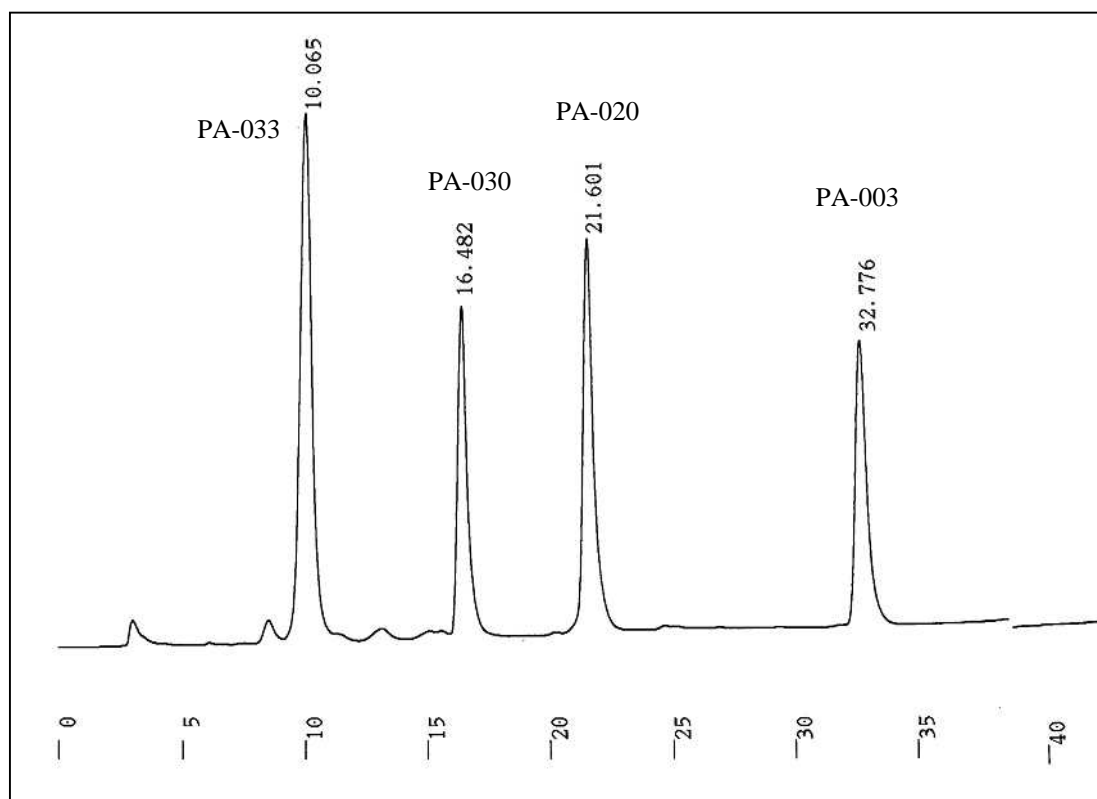
純度 : 95%+ (HPLC)

¥ 30,000



(5) 分析条件

Column : NACALAI Tesque, COSMOSIL
Packed Column for HPLC, 5C18-AR-300 (6 * 150 mm)
Solvent A : 20mM of AcOHaq.-NH3aq. (pH 4.0)
Solvent B : Solvent A containing 1.0% of n-BuOH.
Gradient : 3% > 40% B (0 > 45min.)
Flow Rate : 2.0 mL/min.
Detection : Fluorescence (Ex: 320nm, Em:400nm)
Column Temp.: 25C
Injection : 10 pmol





増田化学工業株式会社

〒760-0065

香川県高松市朝日町4丁目12番52号

TEL. 087-851-3107, FAX. 087-851-9749

URL <http://www.mc-imd.co.jp>

Masuda Chemical Industries Co., Ltd.

4-12-52 Asahimachi, Takamatsu City,

Kagawa Prefecture 760-0065

tel : 087-851-3107 fax. 087-851-9749

URL <http://www.mc-ind.co.jp>