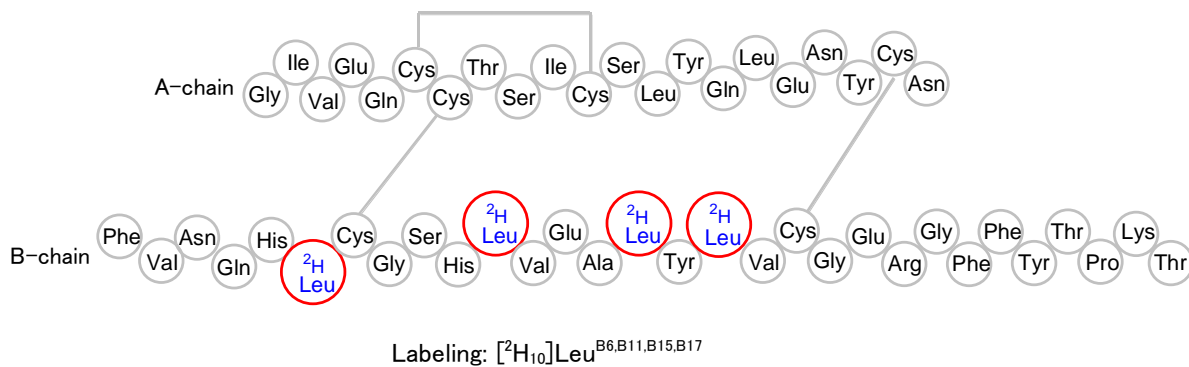


Stable Isotope-Labeled Insulin

Internal Standard for MS detection of Insulin

4-[D10]-Leu-Insulin (Human) (Trifluoroacetate Form)



References

- 1) K. Van Uytvanghe, D. Rodríguez-Cabaleiro, D. Stöckl, and L.M. Thienpont, *Rapid Commun. Mass Spectrom.*, **21**, 819 (2007).
- 2) D. Rodríguez-Cabaleiro, K. Van Uytvanghe, V. Stove, T. Fiers, and L.M. Thienpont, *Clin. Chem.*, **53**, 1462 (2007).
- 3) W.G. Miller, L.M. Thienpont, K. Van Uytvanghe, P.M. Clark, P. Lindstedt, G. Nilsson, and M.W. Steffes, *Clin. Chem.*, **55**, 1011 (2009).

| Code | Compound | Quantity | Price: Yen |
|--------|-----------------------------|-------------|------------|
| 3404-v | 4-[D10]-Leu-Insulin (Human) | 20 µg vial | ¥20,000 |
| 4088-s | Insulin (Human) | 0.1 mg vial | ¥13,000 |
| 4088-v | Insulin (Human) | 0.5 mg vial | ¥44,000 |

Synthesis of other animal species, different length and/or labeling are also available by custom services.

PEPTIDE INSTITUTE, INC.

7-2-9 Saito-Asagi, Ibaraki-shi, Osaka 567-0085 Japan

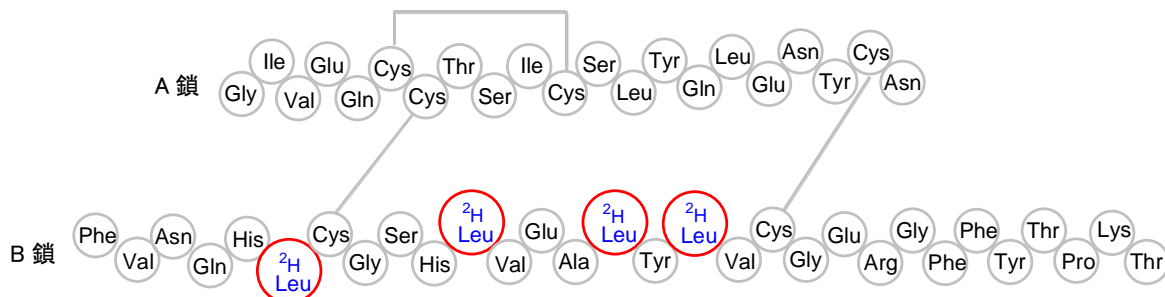
E-mail: info@peptide.co.jp

<https://www.peptide.co.jp/>

重水素ラベル ヒト Insulin

質量分析によるInsulinレベル測定用標準物質

4-[D10]-Leu-Insulin (Human) (Trifluoroacetate Form)



B鎖の全てのLeuを重水素(^2H)でラベル化

参考文献

- 4) K. Van Uytvanghe, D. Rodríguez-Cabaleiro, D. Stöckl, and L.M. Thienpont, *Rapid Commun. Mass Spectrom.*, **21**, 819 (2007).
- 5) D. Rodríguez-Cabaleiro, K. Van Uytvanghe, V. Stove, T. Fiers, and L.M. Thienpont, *Clin. Chem.*, **53**, 1462 (2007).
- 6) W.G. Miller, L.M. Thienpont, K. Van Uytvanghe, P.M. Clark, P. Lindstedt, G. Nilsson, and M.W. Steffes, *Clin. Chem.*, **55**, 1011 (2009).

| コード | 製品名 | 容量 | 価格 |
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| 3404-v | 4-[D10]-Leu-Insulin (Human) | 20 μg vial | ¥20,000 |
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| 4088-v | Insulin (Human) | 0.5 mg vial | ¥44,000 |

異なったラベル化や他の動物種Insulinの合成などもカスタムサービスで対応可能です。
詳細は下記連絡先までお問合せ下さい。

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