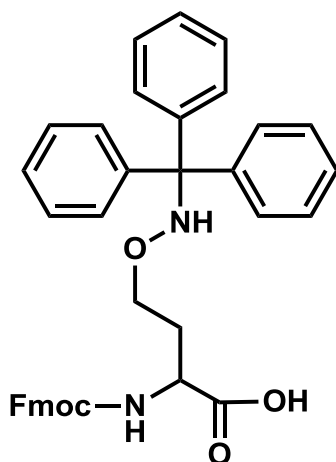
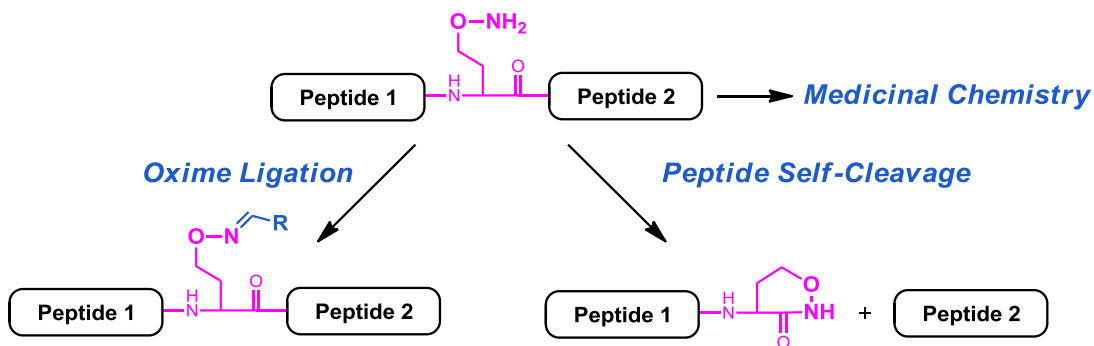


# Fmoc-Can(Trt)

NEW!!



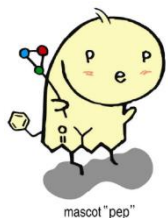
Canaline(Can)はOxime ligation用アミノ酸[1,2]として知られていましたが、それに加えて新たにpH4-5の限られた条件でのみペプチド鎖を自己切断することを弊社が初めて報告しました[3]。今後、Can含有ペプチドはペプチド医薬品開発、ケミカルバイオロジー、難溶解性ペプチドの化学合成などの分野への貢献が期待されます。この度、Fmoc固相合成法用のアミノ酸誘導体としてFmoc-Can(Trt)を販売致します。お気軽にお問い合わせください。



## Reference

- 1) F. Liu. et al., *ChemBioChem*, **9**, 2000 (2008).
- 2) C, M, Haney. et al. *Chem. Commun.*, **47**, 10915 (2011)
- 3) S, Tsuda. et al. *Chem. Commun.*, **54**, 8861 (2018).

| コード      | 品名            | 容量     | 価格      |
|----------|---------------|--------|---------|
| New 2333 | Fmoc-Can(Trt) | 100 mg | ¥10,000 |



株式会社 ペプチド研究所

電話: 072-643-4480

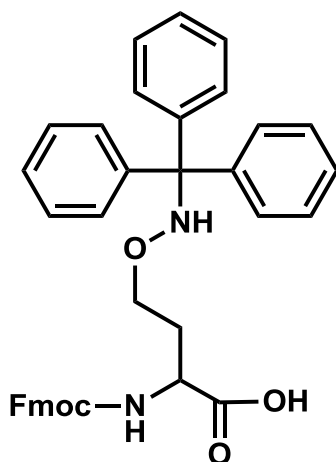
FAX: 072-643-4422

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

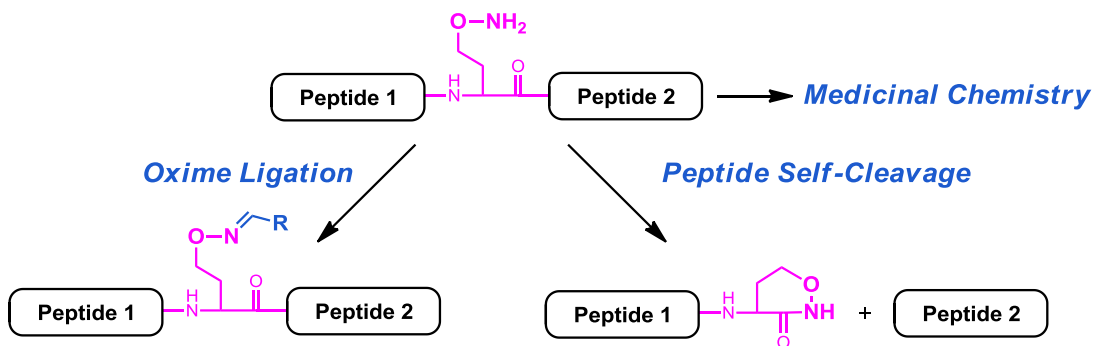
E-mail: [sales@peptide.co.jp](mailto:sales@peptide.co.jp)

**NEW!!**

# Fmoc-Can(Trt)



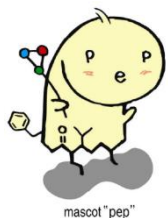
So far, Canaline(Can)-containing peptides have been extensively used for oxime ligation [1,2]. Here we found that Can has an ability to “cleave” an amide bond of its C-terminus under very specific conditions (pH ca. 4–5) [3]. Can would be applied to not only challenging peptide syntheses but also various scientific fields including medicinal chemistry and oxime-based bioconjugation. Fmoc-Can(Trt) is a unit for conventional Fmoc SPPS. For more information, please visit Peptide Institute website.



## Reference

- 1) F. Liu. et al., *ChemBioChem*, **9**, 2000 (2008).
- 2) C, M, Haney. et al. *Chem. Commun.*, **47**, 10915 (2011)
- 3) S, Tsuda. et al. *Chem. Commun.*, **54**, 8861 (2018)

|     | Code | Product Name  | Quantity | Price   |
|-----|------|---------------|----------|---------|
| New | 2333 | Fmoc-Can(Trt) | 100 mg   | ¥10,000 |



**PEPTIDE INSTITUTE, INC.**

E-mail: [sales@peptide.co.jp](mailto:sales@peptide.co.jp)

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