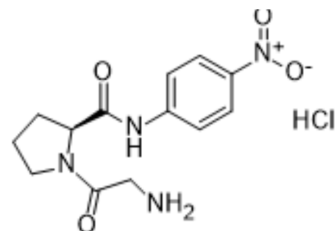


## Gly-Pro-pNA hydrochloride

Cat. No.:	HY-119244
CAS No.:	103213-34-9
Molecular Formula:	C <sub>13</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>4</sub>
Molecular Weight:	328.75
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Gly-Pro-pNA hydrochloride is a chromogenic substrate that can be cleaved by the circulating enzyme, dipeptidyl peptidase IV (DPP IV). Gly-Pro-pNA can be used to screen for DPP IV inhibitors<sup>[1]</sup>.

### REFERENCES

[1]. Kim YB, et al. Mechanism of Gly-Pro-pNA cleavage catalyzed by dipeptidyl peptidase-IV and its inhibition by saxagliptin (BMS-477118). Arch Biochem Biophys. 2006;445(1):9-18.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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