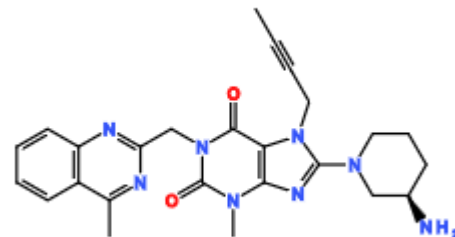


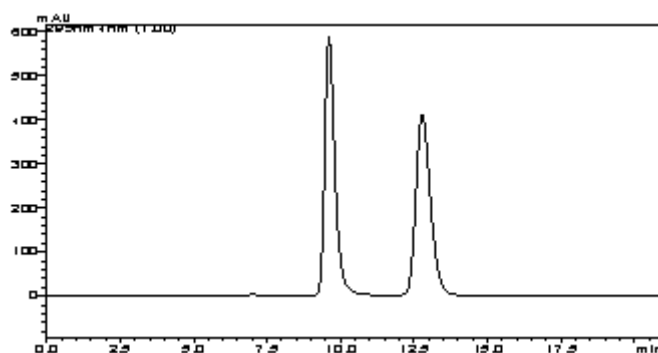
## COMPOUND IDENTIFICATION

Compound Name

## Linagliptin



# CHROMATOGRAM



# ANALYTICAL REPORT

|                             |                                    |                      |    |
|-----------------------------|------------------------------------|----------------------|----|
| Column Trade Name           | CHIRALPAK® AD-3                    |                      |    |
| Column Size (Particle Size) | 4.6 x 250 mm (3 µm)                |                      |    |
| Mobile Phase Composition    | ethanol / diethylamine = 100 / 0.1 |                      |    |
| Chromatographic Mode        | Normal Phase                       |                      |    |
| Flow rate (mL/min)          | 0.7                                | Temperature (°C)     | 25 |
| Injection Volume (µL)       | 0.01 (mg)                          | Sample Concentration |    |
| Detection                   | UV-VIS 295 nm                      |                      |    |
| Elution Order               |                                    |                      |    |

| No. | Rt   | K'   | Alpha Value | Resolution |
|-----|------|------|-------------|------------|
| 1   | 9.6  | 1.24 | 1 - 2       | 1.60       |
| 2   | 12.8 | 1.98 |             | 4.14       |