

## Sitagliptin phosphate USP assay with HPLC – AppNote

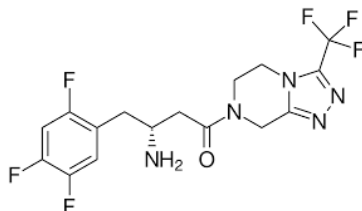
### Alternate L10 column used for a similar USP assay method of sitagliptin phosphate

This Similar USP sitagliptin phosphate is easily performed and the 10 injection overlay below demonstrates run to run consistency and great peak symmetry. The peak efficiency is very good and peak tailing guidelines are easily met with RSD values of less than 1.0%.

*This demonstrates a good alternate column for your sitagliptin phosphate USP method.*



#### Peak:



Sitagliptin phosphate

#### Method Conditions:

**Column:** Cogent NP Cyano™, 5um, 100Å

**Catalog No.:** 82534-15P

**Dimensions:** 4.6mm x 150mm

**Note 1:** For the full method conditions and details, consult the official United States Pharmacopeia–National Formulary (USP–NF.)

**Note 2:** Sitagliptin is an oral dipeptidyl peptidase-4 (DPP-4) inhibitor used in conjunction with diet and exercise to improve glycemic control in patients with type 2 Diabetes



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