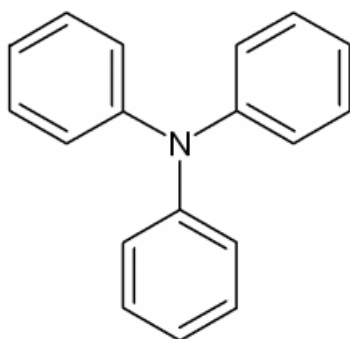


## Why doesn't triphenylamine a tertiary amine retain in Aqueous Normal Phase ANP - FAQ

There can be many reasons why any compound may not retain in any given HPLC Method, however in this case, triphenylamine has three bulky phenyl groups (*see structure below*), which can create steric hindrance from interaction with the stationary phase due to the tertiary amine.

**NOTE:** Tertiary amines are the least polar amine and will have less retention than primary or secondary amines in **Aqueous Normal Phase ANP HPLC methods**.



Triphenylamine