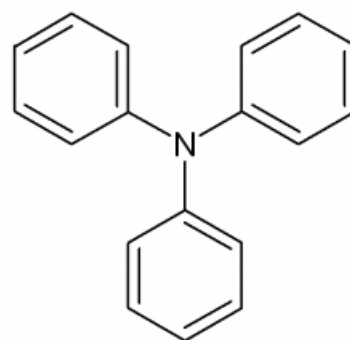


Why doesn't triphenylamine a tertiary amine retain in Aqueous Normal Phase ANP - FAQ

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*.



[caption id="attachment_7311" align="aligncenter" width="240"]
Triphenylamine[/caption]

