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## Can I use phosphoric acid or sodium phosphate with the Cogent Diamond Hydride HPLC column - FAQ

**Yes!**

...but there is some evidence that the use of phosphoric acid may semi-permanently change the surface chemistry, and therefore the chromatography of the column.

For example, if you get a certain separation using formic acid and then introduce phosphoric acid to the column, you may not get the same separation when you try the formic acid method again. For this reason, you should keep the column dedicated to phosphoric acid use only.

Also the column should never be used with LCMS because of the incompatibility with phosphates.

[Diamond Hydride Product Page](#)

