

Why am I seeing two peaks for quaternium15 Dowicil-75 in LCMS – FAQ

Question: I am using LC-MS and the Cogent Diamond Hydride™ HPLC column. When analyzing quaternium-15 sold as Dowicil-75™, I see two peaks which have the same m/z. What can be the cause? Is there an issue of peak splitting?



Answer: Quaternium-15 can have either cis or trans orientation on the double bond. If you see two peaks in your data, it may not be from peak splitting but rather chromatographic separation of the two isomers.

Click [HERE](#) for Cogent Diamond Hydride™ ordering information



MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com