

Maleic hydrazide has a pKa of 5.62 and a logP of -1.96. This logP value means it is very hydrophilic and will NOT retain well in Reversed Phase HPLC.

For this reason, we would suggest you try a method in **Aqueous Normal Phase** ANP using the [Cogent Diamond Hydride™](#) column in order to retain it. The pKa of 5.62 suggests that a mobile phase **additive** of 0.1% formic acid would work best. And 0.1% TFA can also be investigated if detection is not done by MS.



Printed from the Chrom Resource Center

Copyright 2024, All Rights Apply

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