

Method development tip for maleic hydrazide - Tips & Suggestions

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 <u>Aqueous Normal Phase</u> ANP using the <u>Cogent Diamond Hydride™</u> column in order to retain it. The pKa of 5.62 suggests that a mobile phase <u>additive</u> 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 2025, 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