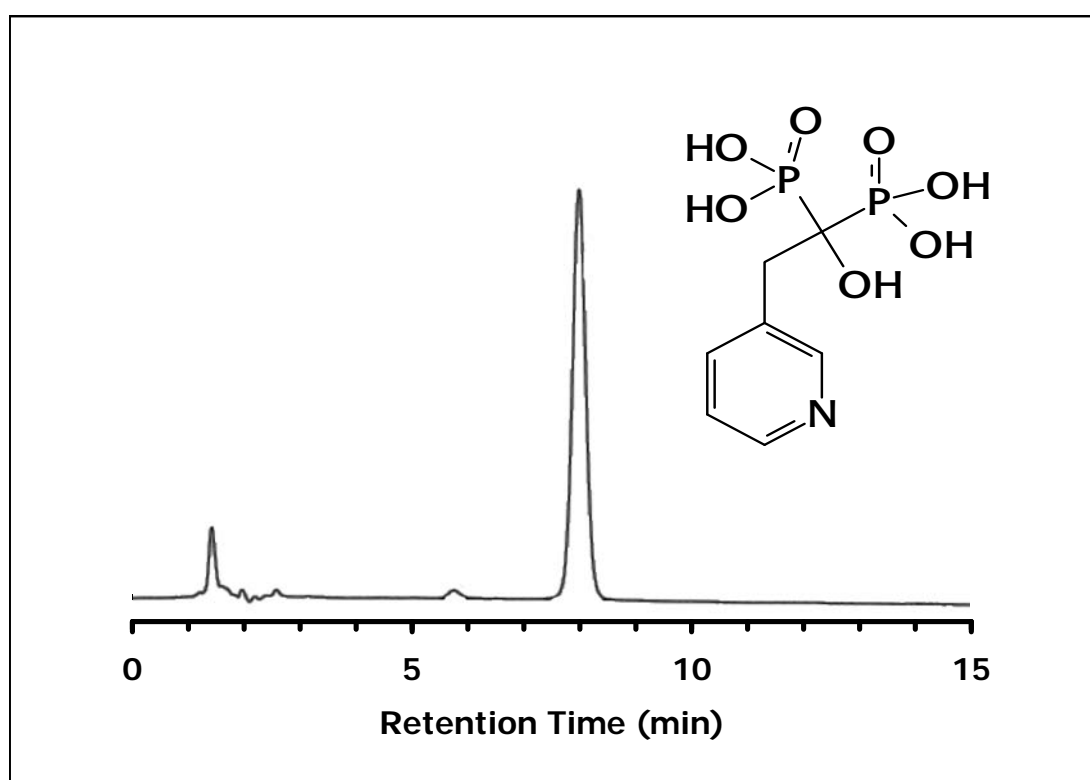


ZIC®-HILIC Separation of Risedronate

Chromatographic Conditions

Column: ZIC®-HILIC, PEEK 100 x 4.6 mm, 5 µm, 200 Å (P/N 1.50453.0001)
Injection: 50 µL of a 100 ppm solution diluted in mobile phase
Detection: UV @ 260 nm (UFS 1.0 V)
Column Temperature: Ambient
Flow Rate: 1.0 mL/min
Mobile Phase (v/v): 80%, Acetonitrile
20%, Ammonium Acetate 10 mM, pH 6.8
(total ionic strength: 2 mM)



Chromatographic Data

No.	Compound	Time (min)	Retention factor
	t_0 void volume	1,0	-
1	Risedronate (LogP: -3.1)	8,0	7,0

Data provided by Gora Sharangi, Merck Specialities Pvt. Ltd, India.
For more details, contact chromatography@merck.co.in